

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PARTS W AND Y - ACCELEROGRAMS IIW334 TO IIW336,
IIW338, IIW339, IIW342 TO IIW345
AND ILY370 TO ILY381

REPORT NO. EERL 75-53

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

APRIL, 1975

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ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report No. EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report No. EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Parts W and Y, Report No. EERL 75-53, is the last of this series of reports, and contains records from two Southern California earthquakes: Lytle Creek, September 12, 1970, and Borrego Mountain, April 8, 1968.

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PREFACE TO VOLUME II, PARTS W AND Y

This report, Volume II, Parts W and Y,* is the final part of a series initiated in July, 1969, and completes the objective of making available on a uniform basis strong-motion earthquake accelerograph data which has been corrected for instrument characteristics and baseline in such a way as to preserve the maximum feasible amount of information contained in the original accelerogram.

It is hoped that the present series will not only provide investigators with a body of information on which to base earthquake engineering studies, but also will encourage continued efforts to extract more information from past accelerograms and to improve data-processing techniques for future records. As the number of instrument types in strong-motion networks around the world grows, there will be an increasing need to study such data processing problems in detail to ensure a reasonable uniformity in the basic information.

This issue of corrected accelerograms and integrated ground velocity and displacement curves contains data from Southern California stations which recorded the Lytle Creek earthquake, September 12, 1970, and the Borrego Mountain earthquake, April 8, 1968. Some of the records included in the equivalent parts of the Volume I series of uncorrected data have been eliminated from the processing of Volume II, III, and IV. This decision, applying to very low amplitude accelerograms, reflects the expectation that the resulting displacement

*For reasons of economy and convenience in the size of the reports, it has been thought desirable to combine two parts into one report.

records would be dominated by noise. The Caltech reference numbers of the eliminated records are as follows:

W337, W340, W341, W346-354, X355-369 (all of Part X)

The remaining records in this issue are from the following locations:

Part W, Lytle Creek Earthquake

1. 6074 Park Drive, Wrightwood
2. Cedar Springs CWR site; Allen Ranch and the right abutment
3. Hall of Records, San Bernardino
4. Southern California Edison Co., Colton
5. Millikan Library, Caltech, Pasadena (2 records)
6. JPL, Caltech, Pasadena (2 records)

Part Y, Borrego Mountain Earthquake

1. Southern California Edison Co., Colton
2. Orange County Engineering Building, Santa Ana
3. Southern California Edison Co., Terminal Island, Long Beach
4. JPL, Caltech, Pasadena (2 records)
5. Millikan Library, Caltech, Pasadena
6. Athenaeum, Caltech, Pasadena
7. Southern California Edison Co., 601 W. 5th St., Los Angeles
8. Subway Terminal, Los Angeles
9. Hollywood Storage Building, Los Angeles (2 records)

Three other records from the Borrego Mountain earthquake were included in the earlier reports of the Volume II series. These were closer to the epicenter than any of the above.

10. El Centro, in Part A, reference number A019
11. San Diego Light & Power Building, in Part A, reference number A020
12. San Onofre Nuclear Generating Station (Southern California Edison Co.), in Part B, reference number B040

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part W, Report No. EERL 73-28, and Volume I, Part Y, Report No. EERL 73-30. Volume I, Part X, Report No. EERL 73-29 contained Lytle Creek earthquake records which did not receive further processing as mentioned above. Reference may be made to Volume II, Parts A and B, Report Nos. EERL 71-50 and 72-50 for introductory material and references to papers discussing various details of the processing and computing problems.

NOTES ON THE VOLUME II SERIES

The following includes some general background information describing the Volume II Series.

Contents of the Various Parts. Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report No. EERL 71-50, was published in September 1971 and contained in a general introduction to the series, detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report No. EERL 72-50, which appeared in February 1973, contained additional references to papers discussing various details of the processing and computing problems. Part C, Report No. EERL 72-51, began the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando earthquake of February 9, 1971. All the records considered suitable for standard digitizing have been included in the issues following Part C, and Part S contains the last of the San Fernando records. In Part T a return is made to those records received during the years 1933 to 1968, which continue into Parts U and V. Parts W and X contain the records from the Lytle Creek, California, earthquake of Sept. 12, 1970, and Part Y contains the records of the Borrego Mountain, California, earthquake of April 8, 1968, not already included in Parts A and B. Part Y marks the conclusion of the current digitizing and analysis project.

Component Directions. A description of the naming of component directions for the records was given in Volume II, Part B.

Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base. It follows that the true ground acceleration will be opposite to the pendulum motion defined above. Consequently, in the following plots the Y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction.

Description of the Plots and Listings. The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity, and displacement appear first, with details of the earthquake, the recording site, and the peak values in the headings. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values, and initial values are in the headings for each component.

Assessment of Long Period Errors.

A. San Fernando earthquake data, 70-mm and 35-mm film, included in Parts C through S

A separate section in Volume II, Part G, Report No. EERL 73-52, entitled "Current Assessment of Long Period Errors" describes the results of a recent investigation of long period displacements

calculated from recorded accelerations. During the course of this study it became evident that the procedures for preparation of 70-mm film and, to a lesser extent, 35-mm film records from the San Fernando earthquake of February 9, 1971, introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the 70-mm and 35-mm film records by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds in the Volume II correction procedure. The following list of Caltech reference numbers indicates the records from the San Fernando earthquake included in Volume I, Parts C through S, that have been processed with the cut-off period of 8 seconds:

Parts G, H, I: All records in these parts.

Part J: Records J142 and J145 through J150.

Part K: All records.

Part L: Records L166, L167, L168; L172 through L175.

Part M: Records M176, M177, M178; M180 through M184.

Part N: All records.

Part O: Records O198 through O201; O206, O208, O210.

Part P: Records P231 and P232.

Parts Q, R, S: All records in these parts.

A decision was also made at the same time to eliminate a number of very low amplitude accelerograms from further processing (Volume II, III, and IV) reflecting the expectation that the resulting displacement records will be dominated by noise. Their Caltech reference numbers are as follows:

H127; I140; J151, J152; K153 through K156, K161 through K165; O202, O203, O209, O211, O212; P224 through P230.

B. Six inch and twelve inch photographic paper records, included in Parts A through Y.

The decision to eliminate the very low amplitude accelerograms of the San Fernando earthquake, detailed above in Section A, was extended to include the more distant records of the Lytle Creek earthquake, Sep. 12, 1970, whose uncorrected data appeared in Volume I, Parts W and X. The entire Part X has been eliminated from further processing. Although this somewhat drastic action was required in this case, nevertheless it is apparent in some of the displacement plots that have reached the Volume II series of reports that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 14 seconds (and roll-off termination at 20 seconds), or in the case of 70- and 35-mm film records from the San Fernando earthquake, the cut-off of 8 seconds (and roll-off termination at 10 seconds), but it is evident that for some records these cut-off periods are in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of some of the records and the consequent lowering of the signal-to-noise ratio. This noise arises primarily from random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 14 seconds, or 8 seconds as the case may be, should be used to remove these components from

the acceleration data. It is clear, of course, that in routine processing of accelerograms, such as those mentioned above, it is not practical to examine each earthquake accelerogram in sufficient detail to permit selection of the cut-off period optimal for that particular record.

Availability of Reports and Data. All of the reports constituting the Volume II series mention specific references that discuss particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U.S. Department of Commerce
Springfield, Virginia 22151 .

Information on the availability and costs of punched cards and magnetic tapes containing this data, and the data from other volumes in the series, may be obtained from the National Information Service for Earthquake Engineering, the Earthquake Engineering Research Laboratory, California Institute of Technology.

Numbering of EERL Reports. The system for the EERL-numbering of the reports is based on two numbers, one indicating the year of preparation, and the second indicating the volume to which the report belongs. A detailed description follows.

For the Volume I reports, the first number indicates the year in which the particular data was first prepared for either a report

or for loading onto magnetic tape. This number ranges from 70 to 73. The first printing of Volume I, Part A, appeared before the numbering system was chosen. Although it was dated July, 1969, it actually did not appear until 1970, and was consequently numbered EERL 70-20 in subsequent printings. For the reports of Volumes II, III, and IV, the first number indicates the year in which the report was prepared, and ranges from 70 to 75.

The second number increases consecutively with each report, restarting at 20 each year in the case of Volume I reports, at 50 for Volume II, at 80 for Volume III, and at 100 for Volume IV. For example, Volume II, Part G, Report No. EERL 73-52, was prepared in 1973 and was the third report of the Volume II series to be published that year. The numbers from 01 to 19 each year are reserved for other publications of the Earthquake Engineering Research Laboratory, such as thesis reports and special reports.

Acknowledgments. Any long-continued project requiring much detailed work must depend upon the devoted efforts of many people. We have been unusually fortunate in the quality and energy of the staff that has carried out these tasks with special care and attention. The particular individuals who have made these special contributions have been listed in the acknowledgments appended to the various reports in the series and we should like to add here a final word of appreciation to everyone involved.

The entire project was made possible by the continuing support of the National Science Foundation, with important supplements from

the Earthquake Research Affiliates Program of the California Institute of Technology.

D. E. Hudson
A. G. Brady
M. D. Trifunac
Earthquake Engineering Research Laboratory
California Institute of Technology

INSTRUMENT CHARACTERISTICS FOR THE LYTLE CREEK EARTHQUAKE
SEPTEMBER 12, 1970 - 0630 PST

<u>Series</u> <u>Ref. No.</u>	<u>Caltech</u> <u>Log No.</u>	<u>Instrmt.;</u> <u>Serial No.</u>	<u>Station No.;</u> <u>Location</u>	<u>Component*</u> <u>Direction</u>	<u>Period*</u> <u>T₀(sec)</u>	<u>Sens.*</u> <u>(cm/g)</u>	<u>Damp*</u> <u>(%crit.)</u>
IIW334	70.002.0	RFT-250 186	290 6074 Park Drive, Wrightwood, Calif.	S65E S25W Down	0.048 0.048 0.048	1.90* 1.90* 1.90*	59.1 59.1 59.1
IIW335	70.011.0	AR-240 135	111 Allen Ranch, CWR site, Cedar Springs, Calif.	S85E S05W Down	0.057 0.058 0.061	7.60* 7.60* 7.60*	59.1 59.1 59.1
IIW336	70.004.0	AR-240 -	112 Right abutment, CWR site, Cedar Springs, Calif.	S54E S36W Down	0.051 0.055 0.055	7.60* 7.60* 7.60*	60.7 59.1 60.7
IIW338	70.010.0	RFT-250 140	274 Hall of Records San Bernardino, Calif.	North East Down	0.051 0.052 0.051	1.90* 1.90* 1.90*	60.7 57.3 59.1
IIW339	70.009.0	USCGS S-M 38	113 Southern Calif. Edison Co., Colton, Calif.	South East Up	0.065 0.066 0.066	13.4 14.0 13.1	59.1 59.1 59.1
IIW342	70.038.0	RFT-250 198	264 Millikan Library, Caltech Pasadena, Calif.; Bsmnt.	North East Down	0.050* 0.050* 0.050*	1.90* 1.90* 1.90*	59.1* 59.1* 59.1*
IIW343	70.003.0	RFT-250 200	265 Millikan Library, Caltech Pasadena, Calif.; 10th Floor	North East Down	0.050* 0.050* 0.050*	1.90* 1.90* 1.90*	59.1* 59.1* 59.1*
IIW344	70.039.0	RFT-250 195	267 JPL, Caltech, Pasadena, Calif.; Bsmnt.	S82E S08W Down	0.050* 0.050* 0.050*	1.90* 1.90* 1.90*	59.1* 59.1* 59.1*

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (CONT.)

<u>Series Ref. No.</u>	<u>Caltech Log No.</u>	<u>Instrmt.; Serial No.</u>	<u>Station No.; Location</u>	<u>Component* Direction</u>	<u>Period* T₀(sec)</u>	<u>Sens.* (cm/g)</u>	<u>Damp* (%crit.)</u>
IIW345	70.040.0	RFT-250 199	268 JPL, Caltech, Pasadena, Calif.; 9th Floor	S82E S08W Down	0.050* 0.050* 0.050*	1.90* 1.90* 1.90*	59.1* 59.1* 59.1*

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR THE BORREGO MOUNTAIN EARTHQUAKE
APRIL 8, 1968 - 1830 PST

<u>Series</u> <u>Ref. No.</u>	<u>Caltech</u> <u>Log No.</u>	<u>Instrmt.;</u> <u>Serial No.</u>	<u>Station No.;</u> <u>Location</u>	<u>Component*</u> <u>Direction</u>	<u>Period*</u> <u>T₀(sec)</u>	<u>Sens.*</u> <u>(cm/g)</u>	<u>Damp*</u> <u>(%crit.)</u>
IY370	68.099	USCGS SM 38A	113 Southern Calif. Edison Co., Colton, Calif.	South East Up	0.065 0.066 0.066	13.4 14.0 13.1	59.1 59.1 59.1
IY371	68.103	USCGS SM 11M	281 Orange County Engineering Bldg., Santa Ana, Calif.	S04E S86W Up	0.063 0.064 0.064	10.9 10.9 10.9	57.3 57.3 57.3
IY372	68.080	USCGS SM 13D	130 Southern Calif. Edison, Ter- minal Island, Long Beach, Ca.	N21W S69W Up	0.067 0.068 0.068	13.3 14.1 14.2	59.1 59.1 55.2
IY373	68.089	AR-240	267 JPL, Pasadena, Calif.; Basement	S82E S08W Down	0.066 0.064 0.064	15.4 16.0 15.7	59.2 57.4 57.4
IY374	68.100	AR-240	268 JPL, Pasadena, Calif.; 9th Floor	S82E S08W Down	0.062 0.066 0.062	15.4 15.5 15.3	57.4 60.0 58.3
IY375	68.055	AR-240	264 Millikan, Caltech, Pasadena, Calif.; Basement	North East Down	0.064 0.061 0.065	7.8 7.8 8.0	60.7 55.2 55.2
IY376	68.104	USCGS SM 7D	475 Athenaeum, Caltech, Pasadena, Calif.	South West Up	0.079 0.080 0.082	18.0 19.0 20.0	59.1 55.2 57.3
IY377	68.106	USCGS SM	0 Southern Cal. Edison, 601 W. 5th St., L. A., Calif.	N52W S38W Up	0.066 0.066 0.065	13.0 13.2 12.9	57.3 57.3 57.3

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (CONT.)

Series Ref. No.	Caltech Log No.	Instrmt.; Serial No.	Station No.; Location	Component* Direction	Period* T ₀ (sec)	Sens.* (cm/g)	Damp* (%crit.)
IIY378	68.072	USCGS SM 3D	0 Subway Terminal, L.A., Calif.; Basement	S52E S38W Up	0.064 0.066 0.066	12.1 12.9 12.7	55.2 55.2 55.2
IIY379	68.026	USCGS SM 41A	288 CMD Building Vernon, Calif.	N83W S07W Up	0.065 0.064 0.063	13.2 13.2 12.9	52.7 59.1 59.1
IIY380	68.071	USCGS SM 1D	135 Hollywood Storage Bldg., L.A., Calif., P.E. Lot	South East Up	0.066 0.065 0.065	13.2 12.1 12.9	59.1 55.2 57.3
IIY381	68.025	USCGS SM 40A	134 Hollywood Storage Bldg., L.A., Calif.; Penthouse	South West Up	0.046 0.045 0.045	6.70 6.50 6.30	55.2 55.2 55.2

* Static Magnification, $V_s = \omega_n^2 \cdot (\text{Sensitivity}) = \left[\frac{2\pi}{T_0(\text{sec})} \right]^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Periods, sensitivities, and damping values are obtained from the regularly updated listing of Strong-Motion Station Instrumental Data, USC and GS, ESSA, January, 1970. Asterisks imply nominal values provided by the manufacturer.

Damping ratio, $\epsilon = \exp[\pi n / \sqrt{1 - n^2}]$, where n is the fraction of critical damping.

The component direction is that of pendulum motion for the trace to be deflected "upwards" on the record, as described in the Notes.

Earthquake Data, Part W

Location: Lytle Creek, California
Date: September 12, 1970
Time: 0630 PST
Epicenter: $34^{\circ}16'12''\text{N}$, $117^{\circ}32'24''\text{W}$
Depth: 8.0 km
Magnitude: 5.4
Maximum Intensity: VII

Earthquake Data, Part Y

Location: Borrego Mountain, California
Date: Spril 8, 1968
Time: 1830 PST
Epicenter: $33^{\circ}11'24''\text{N}$, $116^{\circ}07'42''\text{W}$
Depth: 11.1 km
Magnitude: 6.4
Maximum Intensity: VII

REFERENCES (See additional list, page 252)

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INDEX OF EARTHQUAKE RECORDS

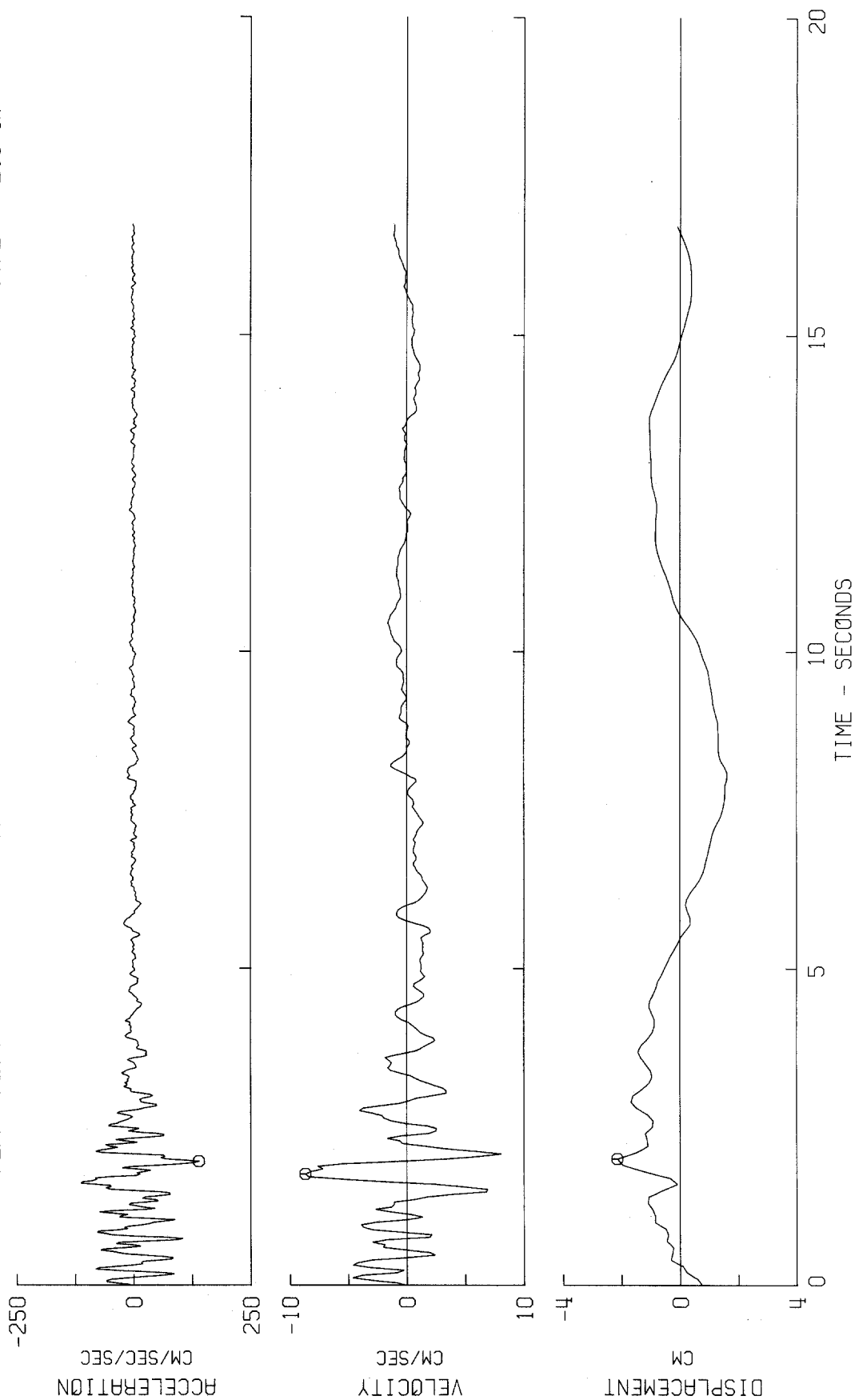
VOLUME II, PARTS W AND Y

<u>Records</u>	<u>Plot</u>	<u>Printout</u>
Lytle Creek Earthquake, September 12, 1970; 0600 PST		
IIW334; 6074 Park Drive, Wrightwood, Calif.; S65E, S25W, Down	21	84
IIW335; Allen Ranch, CWR site, Cedar Springs, Calif.; S85E, S05W, Down	24	87
IIW336; CWR site, right abutment, Cedar Springs, Calif.; S54E, S36W, Down	27	93
IIW338; Hall of Records, San Bernardino, Calif.; North, East, Down	30	96
IIW339; Southern Calif. Edison Co., Colton, Calif.; South, East Up	33	102
IIW342; Millikan Library, Caltech, Pasadena, Calif.; Basement; North, East, Down	36	111
IIW343; Millikan Library, Caltech, Pasadena, Calif.; 10th Floor; North, East, Down	39	117
IIW344; JPL, Caltech, Pasadena, Calif.; Basement; S82E, S08W, Down	42	123
IIW345; JPL, Caltech, Pasadena, Calif.; 9th Floor; S82E, S08W, Down	45	129
Borrego Mountain Earthquake, April 8, 1968; 1830 PST		
IIY370; Southern Calif. Edison Co., Colton, Calif.; South, East, Up	48	135
IIY371; Orange County Engineering Building, Santa Ana, Calif.; S04E, S86W, Up	51	150
IIY372; Southern Calif. Edison, Terminal Island, Long Beach, Calif.; N21W, S69W, Up	54	162
IIY373; JPL, Pasadena, Calif.; Basement; S82E, S08W, Down	57	171
IIY374; JPL, Pasadena, Calif.; 9th Floor; S82E, S08W, Down	60	180

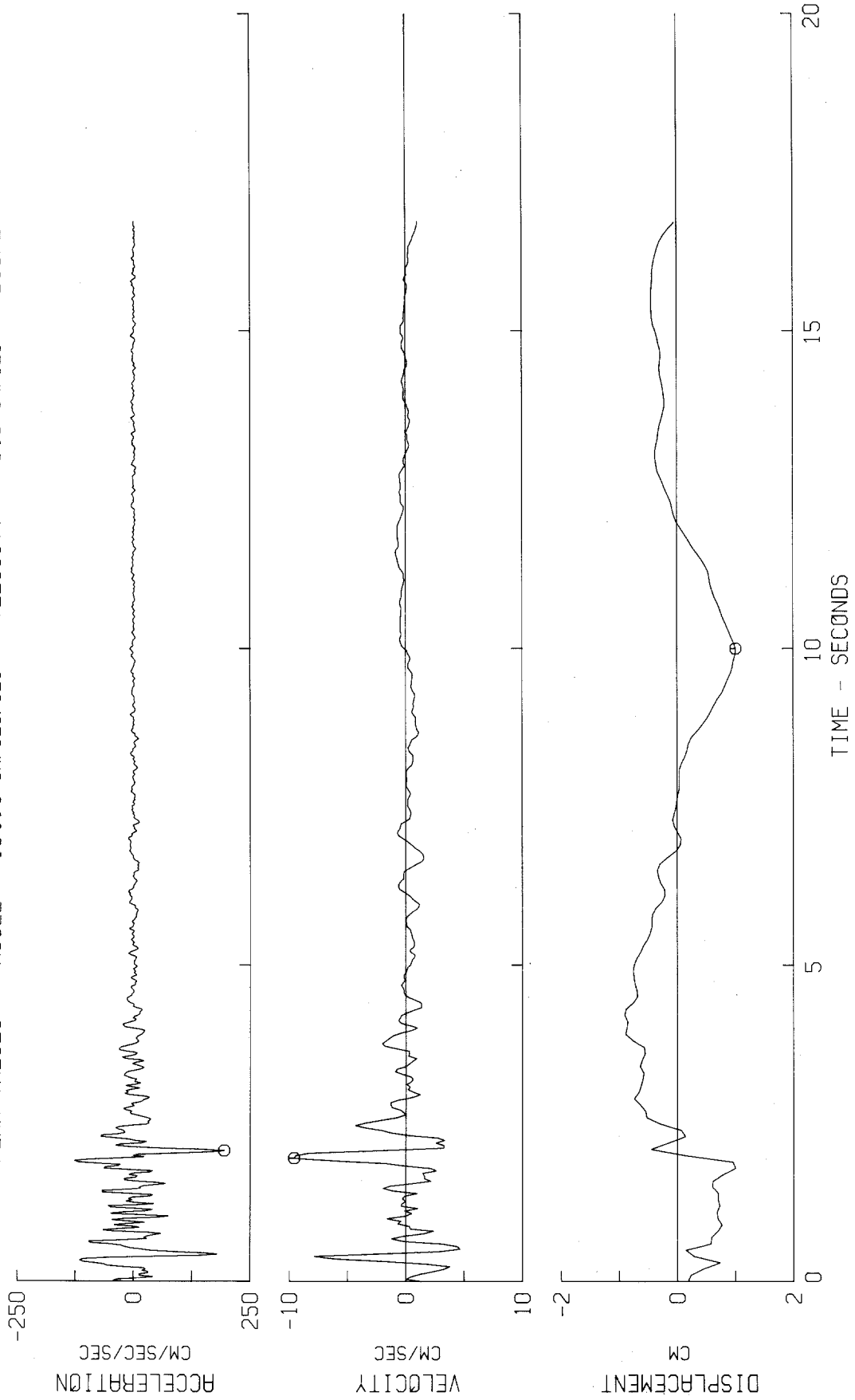
INDEX OF EARTHQUAKE RECORDS (CONT.)

	<u>Records</u>	<u>Plot</u>	<u>Printout</u>
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IY376;	Athenaeum, Caltech, Pasadena, Calif.; South, West, Up	66	199
IY377;	Southern Calif. Edison Co., 601 W. 5th St., L.A., Calif.; N52W, S38W, Up	69	208
IY378;	Subway Terminal, L.A., Calif.; Basement; S52E, S38W, Up	72	217
IY379;	CMD Building, Vernon, Calif.; N83W, S07W, Up	75	223
IY380;	Hollywood Storage Bldg., L.A., Calif.; P.E. Lot; South, East, Up	78	235
IY381;	Hollywood Storage Bldg., L.A., Calif.; Penthouse; South, West, Up	81	244

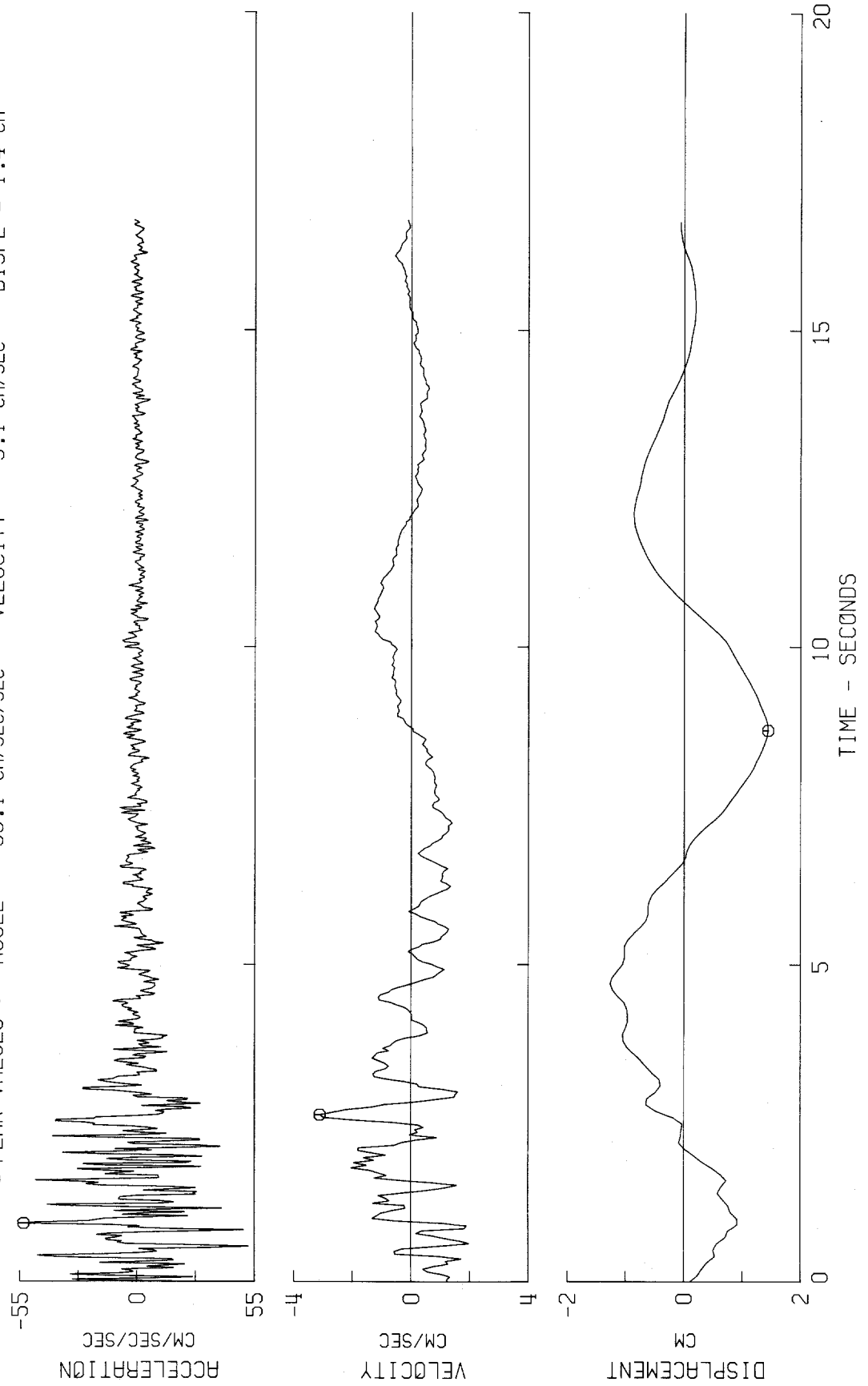
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW334 70.002.0 6074 PARK DR., WRIGHTWOOD, CAL. COMP S65E
PEAK VALUES : ACCEL = 139.0 CM/SEC/SEC VELOCITY = -8.7 CM/SEC DISPL = -2.1 CM



LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
11W334 70.002.0 6074 PARK DR., WRIGHTWOOD, CAL. COMP S25W
PEAK VALUES : ACCEL = 194.4 CM/SEC/SEC VELOCITY = -9.6 CM/SEC DISPL = 1.0 CM



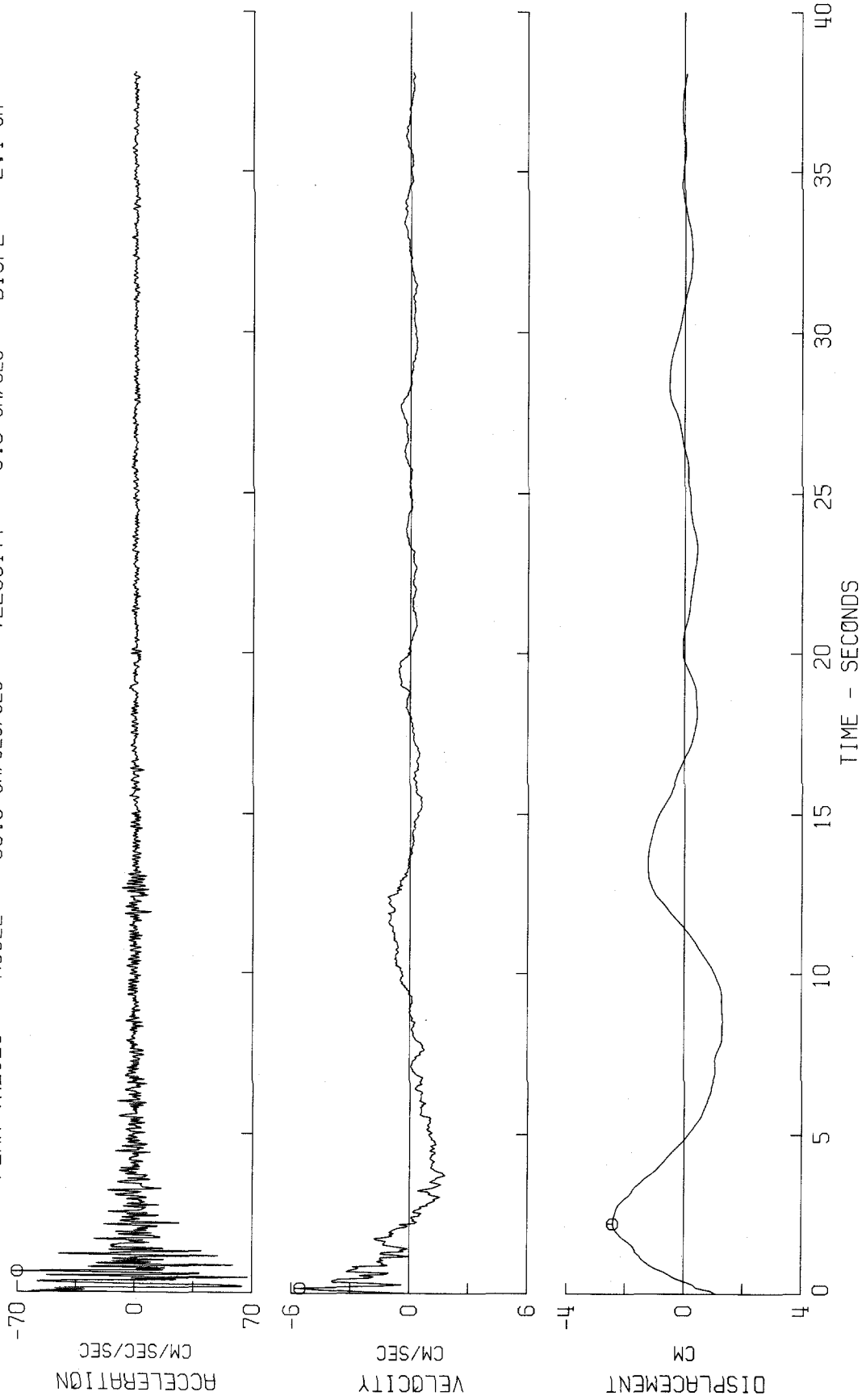
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW334 70.002.0 6074 PARK DR., WRIGHTWOOD, CAL. COMP DOWN
PEAK VALUES : ACCEL = -53.1 CM/SEC/SEC VELOCITY = -3.1 CM/SEC DISPL = 1.4 CM



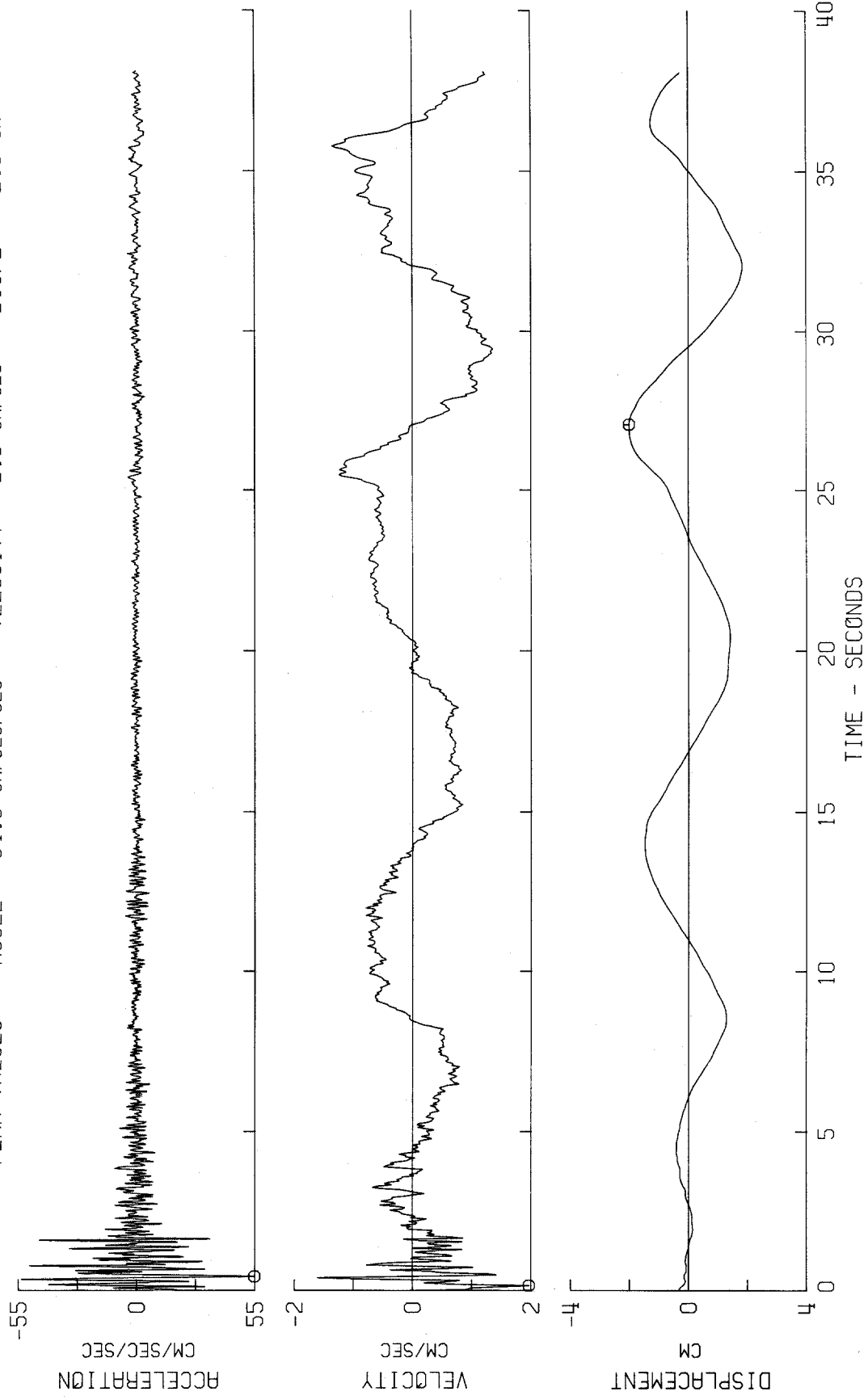
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST

IIW335 70.011.0 ALLEN RANCH, CWR SITE, CEDAR SPRINGS, CAL. COMP S85E

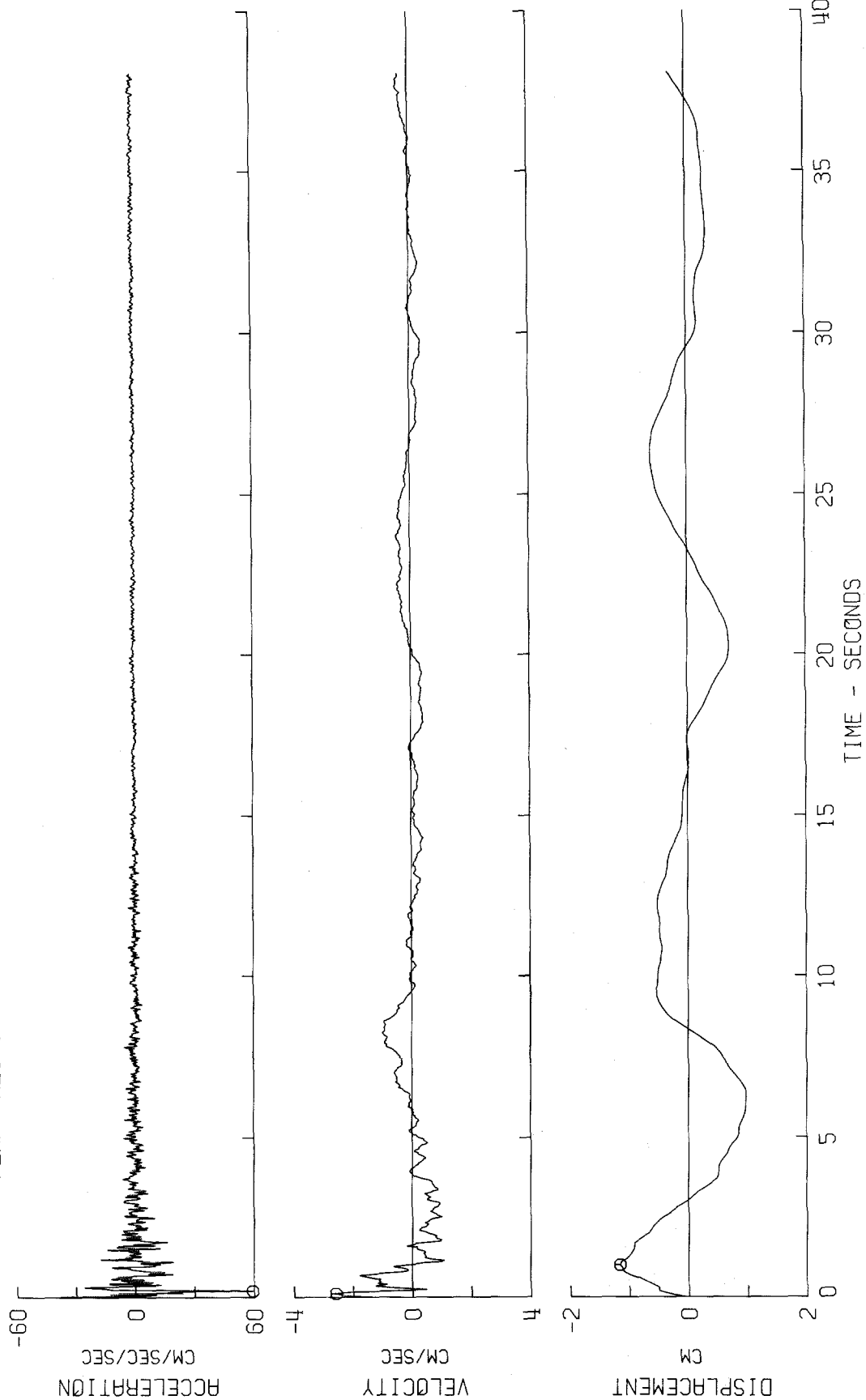
⊙ PEAK VALUES : ACCEL = -69.9 CM/SEC/SEC VELOCITY = -5.6 CM/SEC DISPL = -2.4 CM



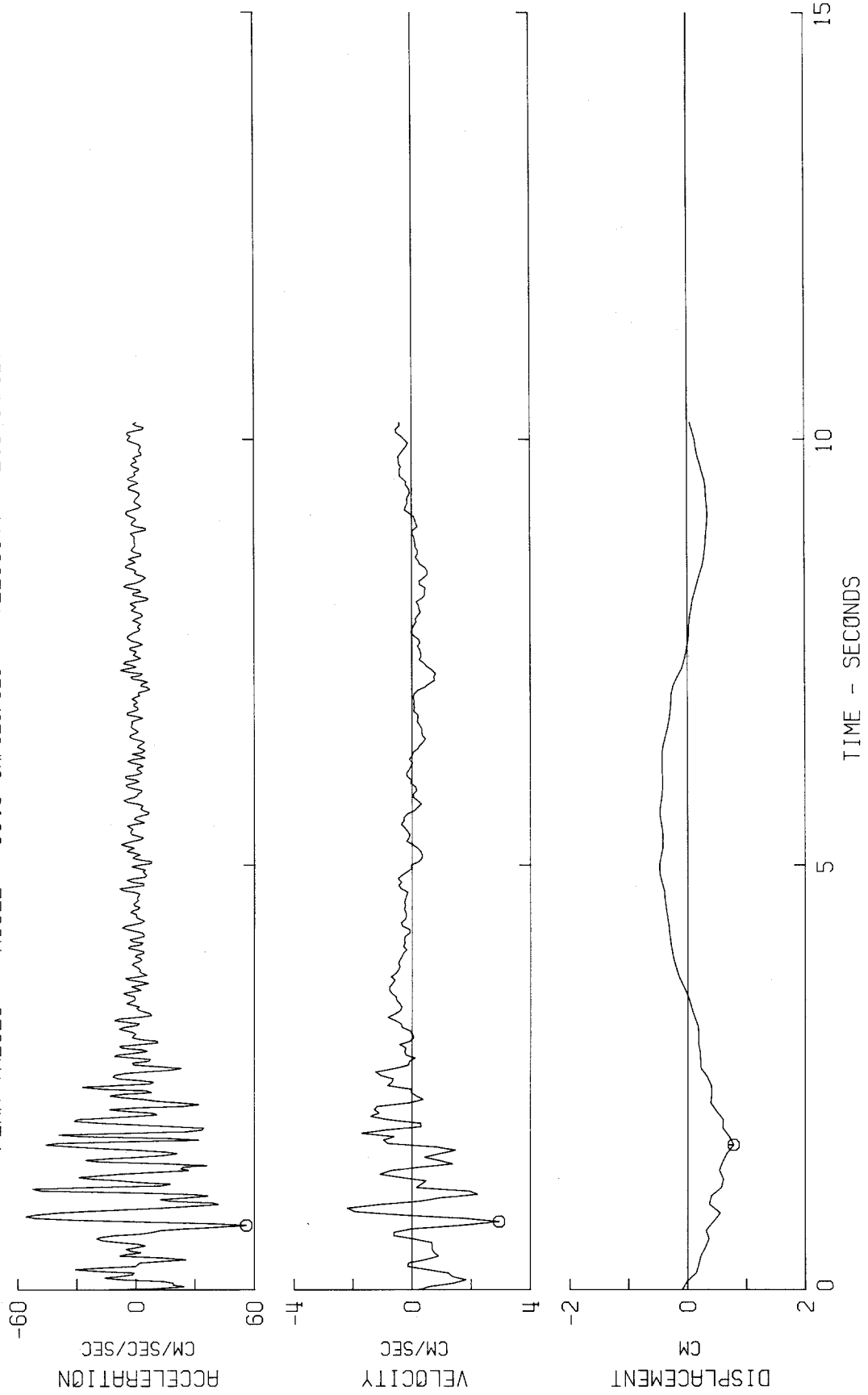
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 IIW335 70.011.0 ALLEN RANCH, CWR SITE, CEDAR SPRINGS, CAL. COMP S05W
 @ PEAK VALUES : ACCEL = 54.9 CM/SEC/SEC VELOCITY = 2.0 CM/SEC DISPL = -2.0 CM



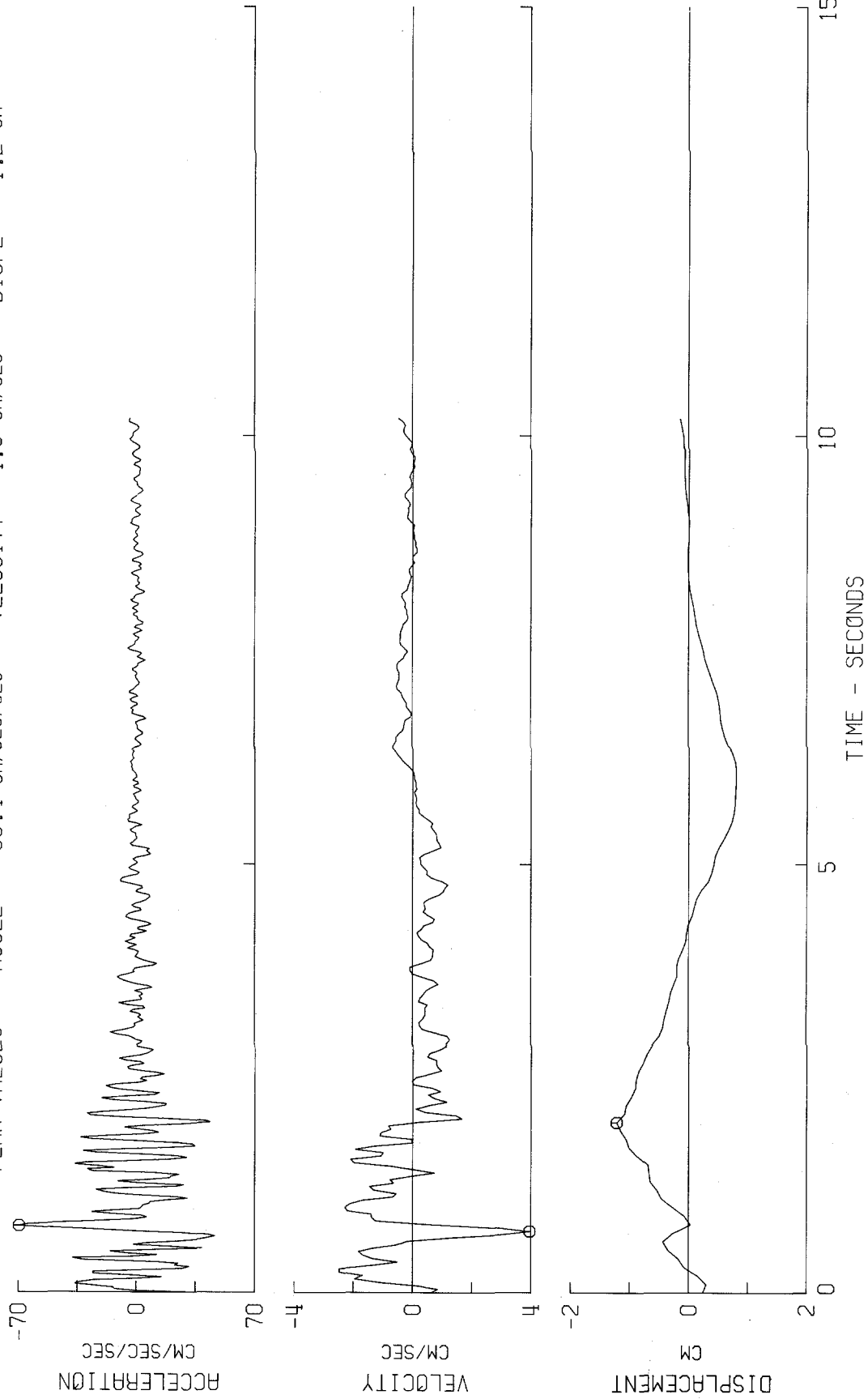
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW335 70.011.0 ALLEN RANCH, CWR SITE, CEDAR SPRINGS, CAL. COMP DOWN
o PEAK VALUES : ACCEL = 59.3 CM/SEC/SEC VELOCITY = -2.6 CM/SEC DISPL = -1.2 CM



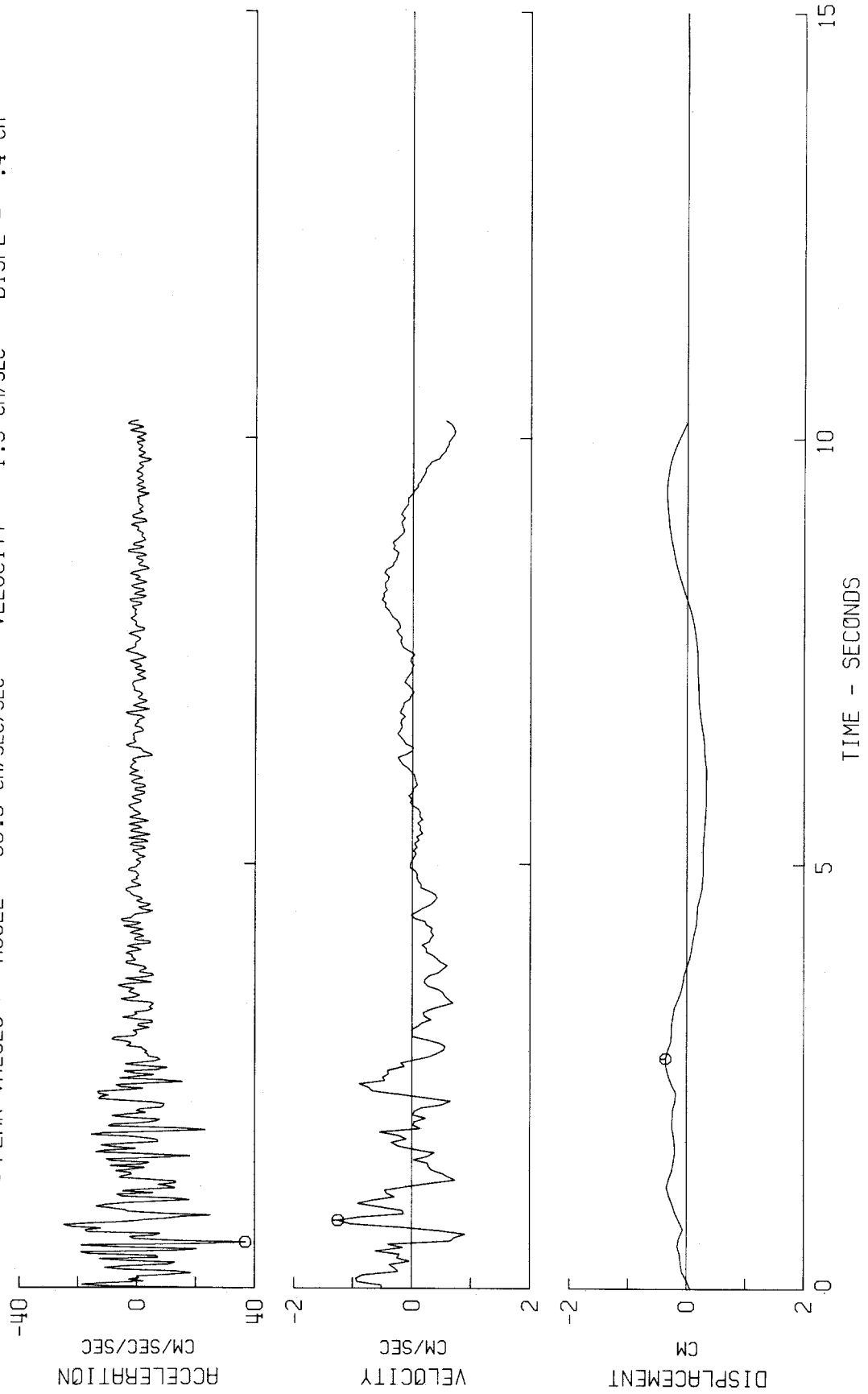
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW336 70.004.0 RIGHT ABUTMENT, CWR SITE, CEDAR SPRINGS, CAL. COMP S54E
PEAK VALUES : ACCEL = 56.0 CM/SEC/SEC VELOCITY = 2.9 CM/SEC DISPL = 0.8 CM



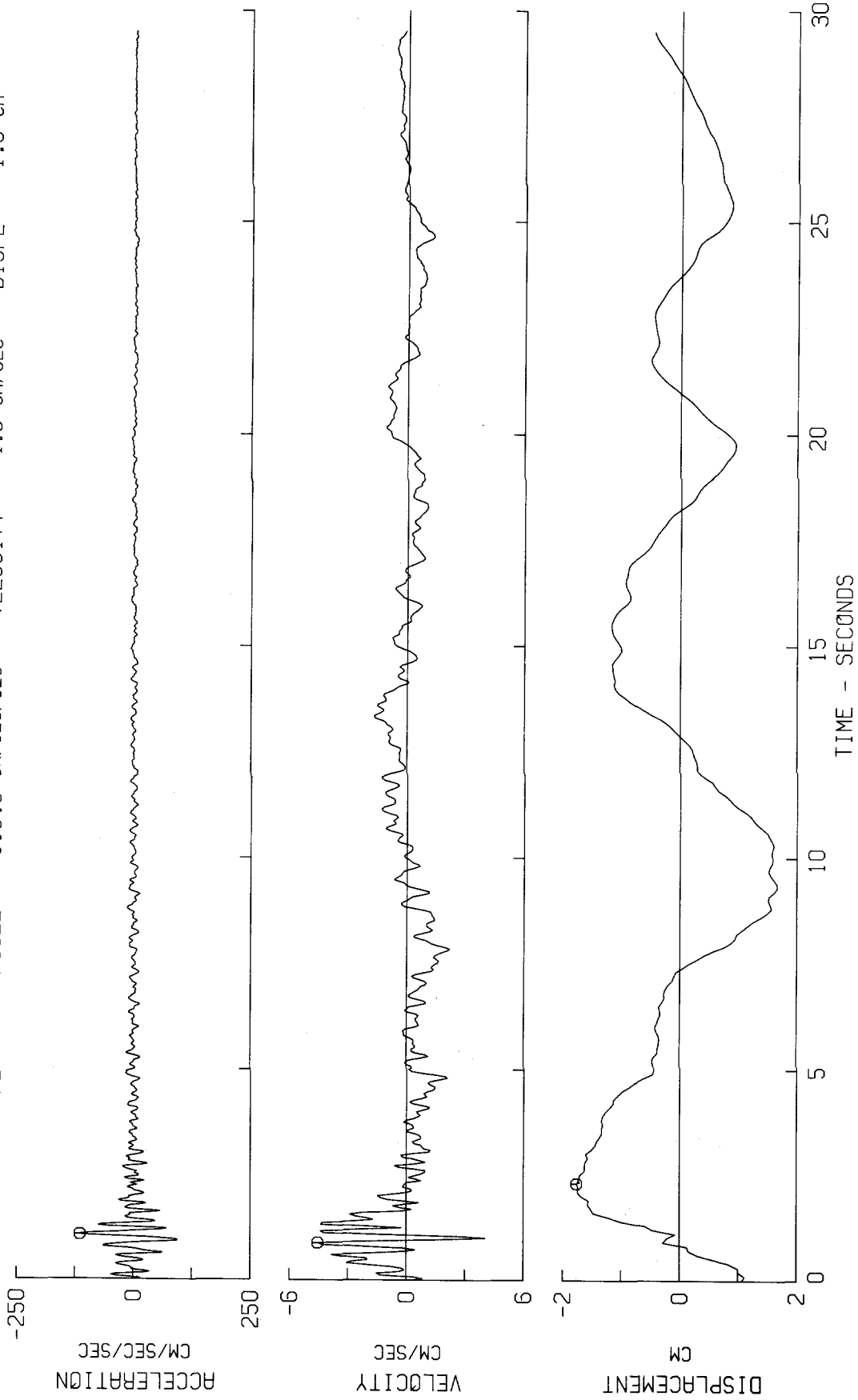
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW336 70.004.0 RIGHT ABUTMENT, CWR SITE, CEDAR SPRINGS, CAL. COMP S36W
PEAK VALUES : ACCEL = -69.4 CM/SEC/SEC VELOCITY = 4.0 CM/SEC DISPL = -1.2 CM



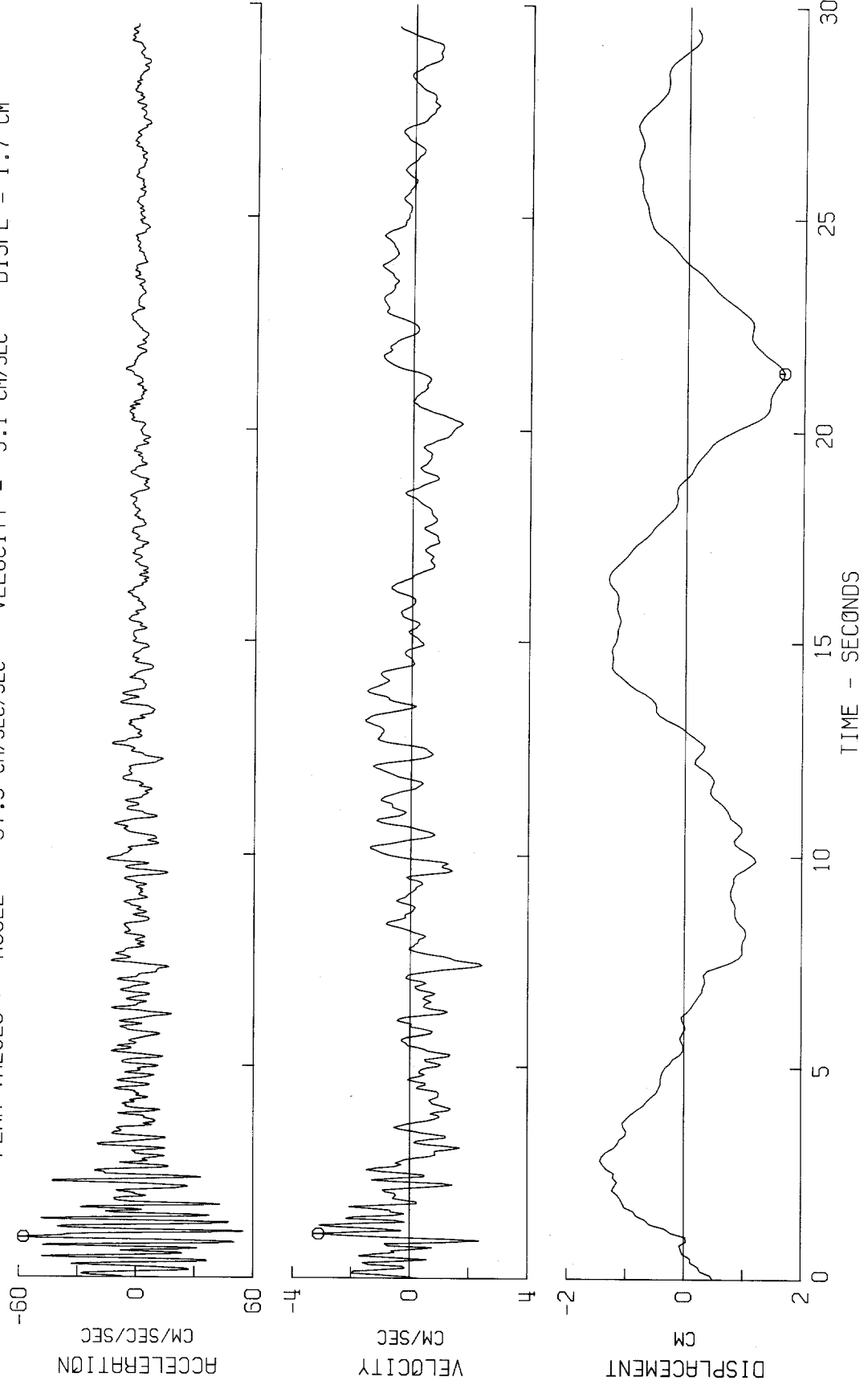
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW336 70.004.0 RIGHT ABUTMENT, CWR SITE, CEDAR SPRINGS, CAL. COMP DOWN
PEAK VALUES : ACCEL = 36.9 CM/SEC/SEC VELOCITY = -1.3 CM/SEC DISPL = -.4 CM



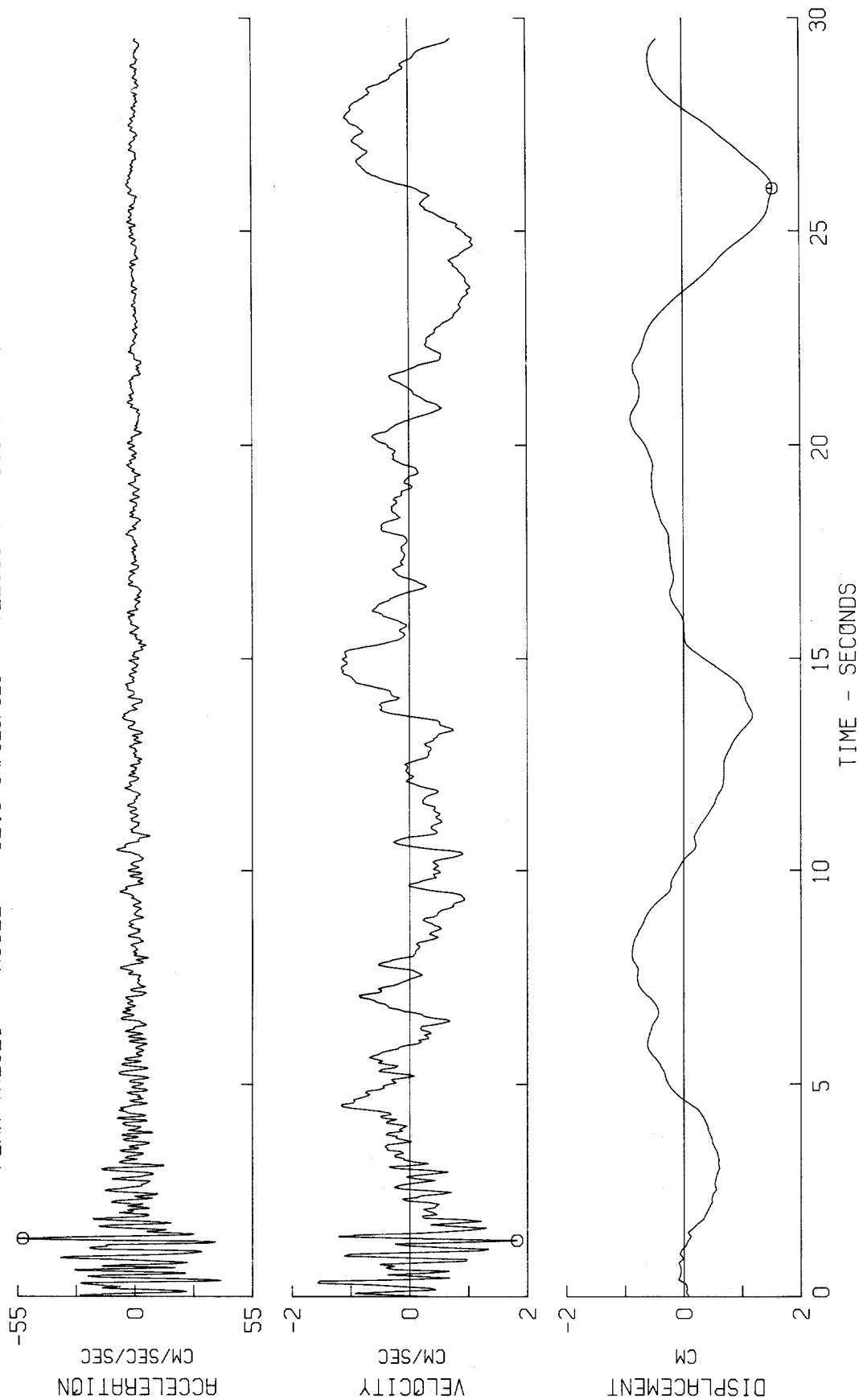
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW338 70.010.0 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP NORTH
PEAK VALUES : ACCEL = -113.8 CM/SEC/SEC VELOCITY = -4.5 CM/SEC DISPL = -1.8 CM



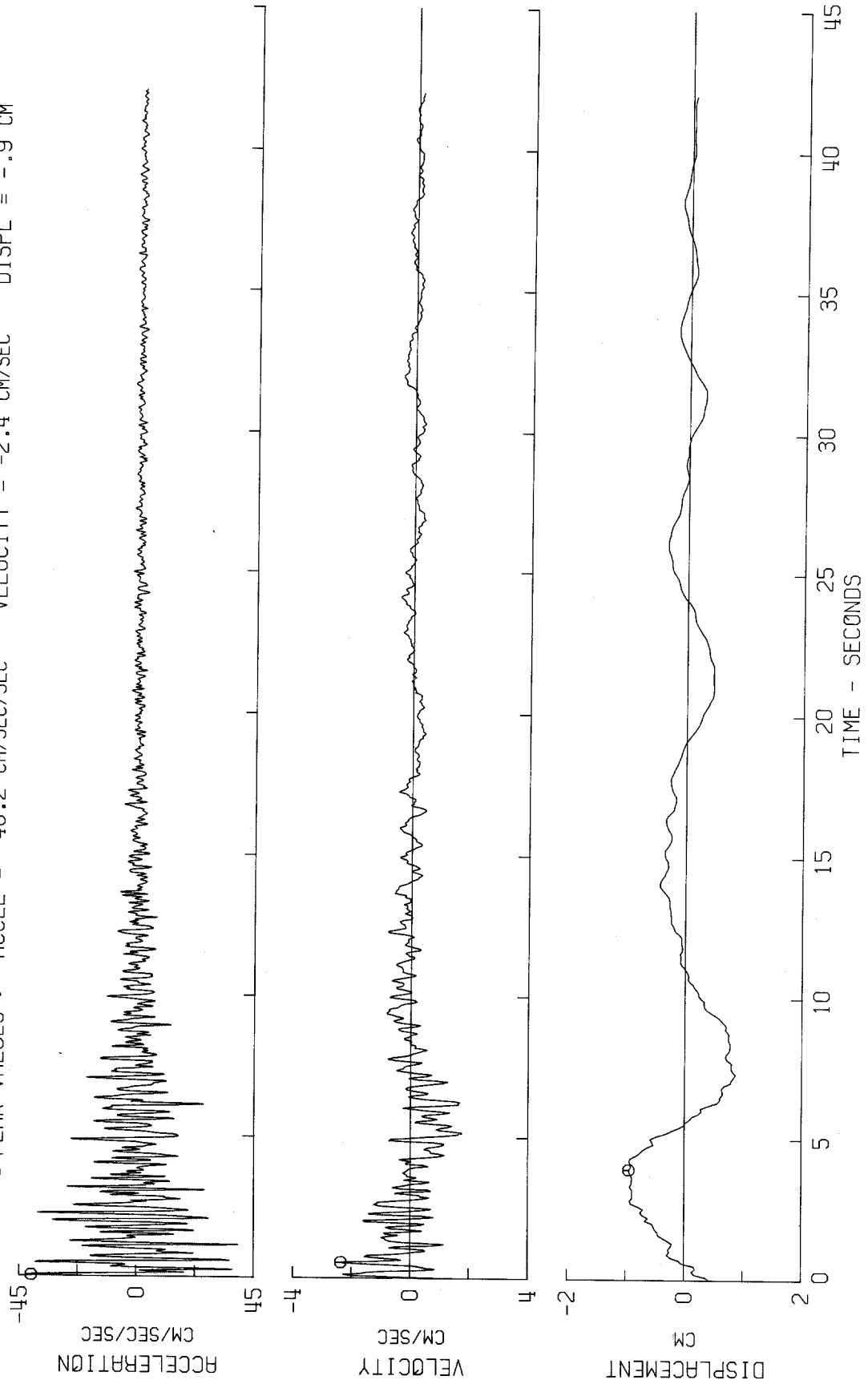
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW338 70.010.0 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP EAST
⊙ PEAK VALUES : ACCEL = -57.5 CM/SEC/SEC VELOCITY = -3.1 CM/SEC DISPL = 1.7 CM



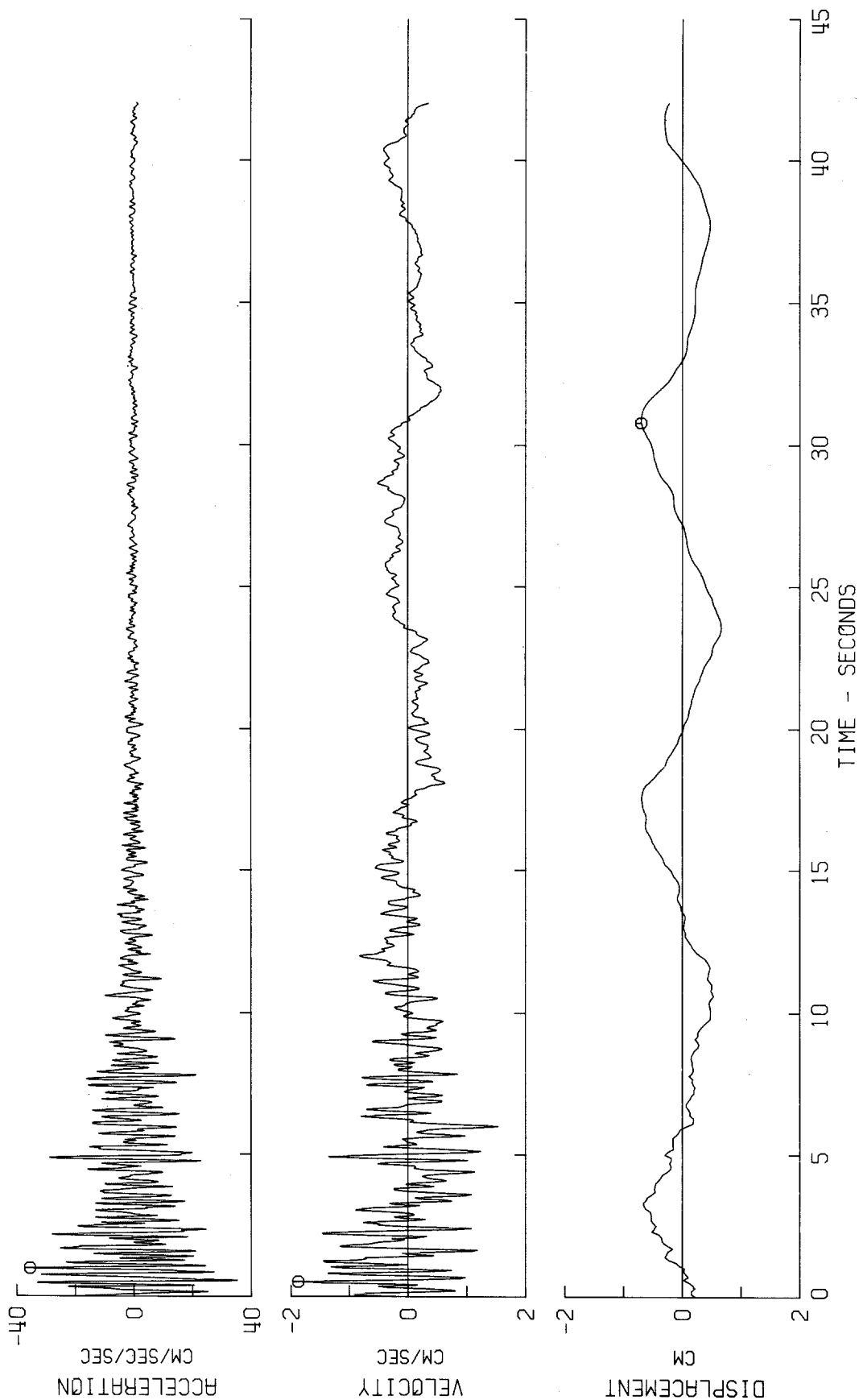
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW338 70.010.0 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP DOWN
PEAK VALUES : ACCEL = -52.5 CM/SEC/SEC VELOCITY = 1.8 CM/SEC DISPL = 1.5 CM



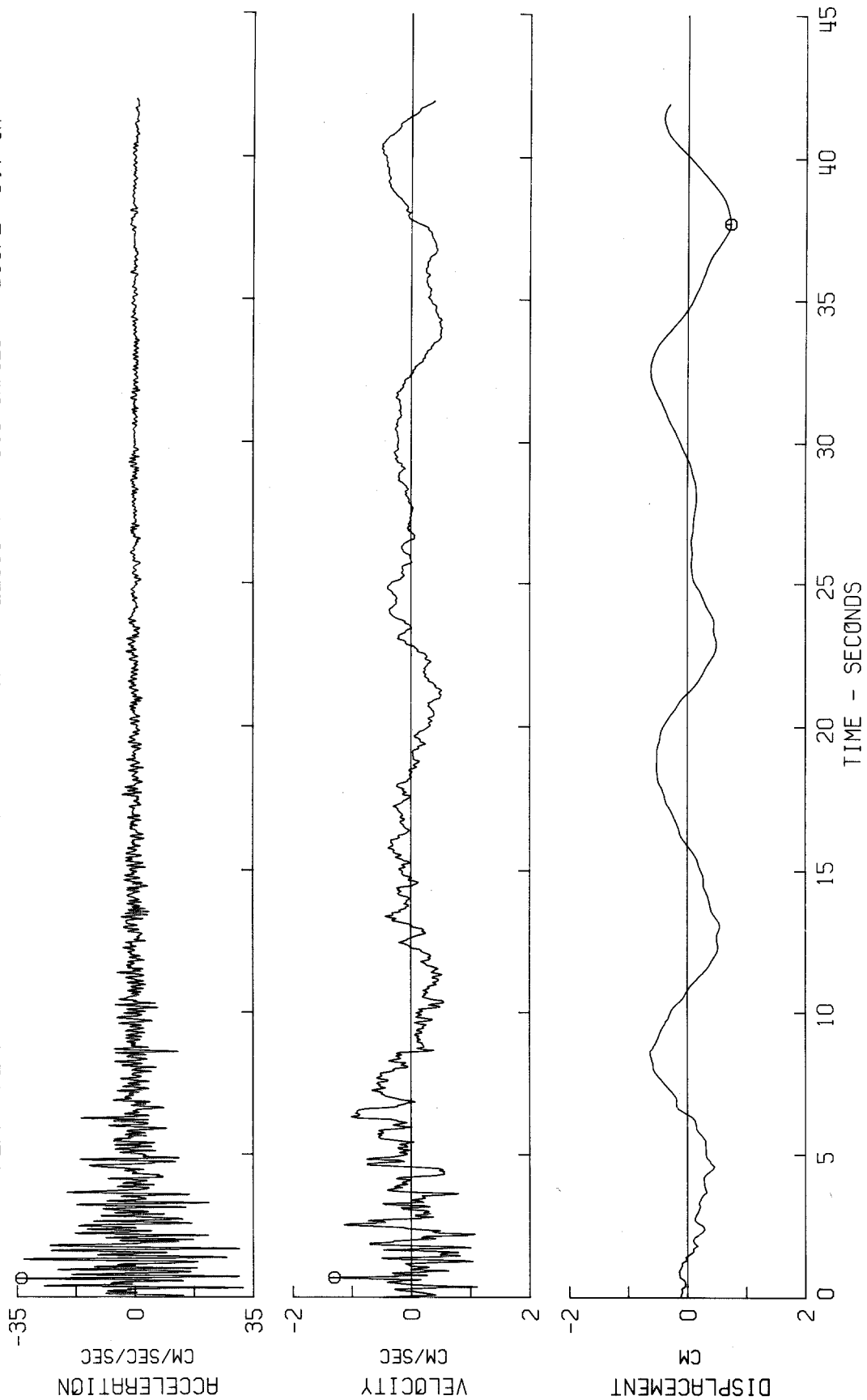
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW339 70.009.0 SOUTHERN CALIFORNIA EDISON COMPANY, COLTON, CAL. COMP SOUTH
PEAK VALUES: ACCEL = -40.2 CM/SEC/SEC VELOCITY = -2.4 CM/SEC DISPL = -.9 CM



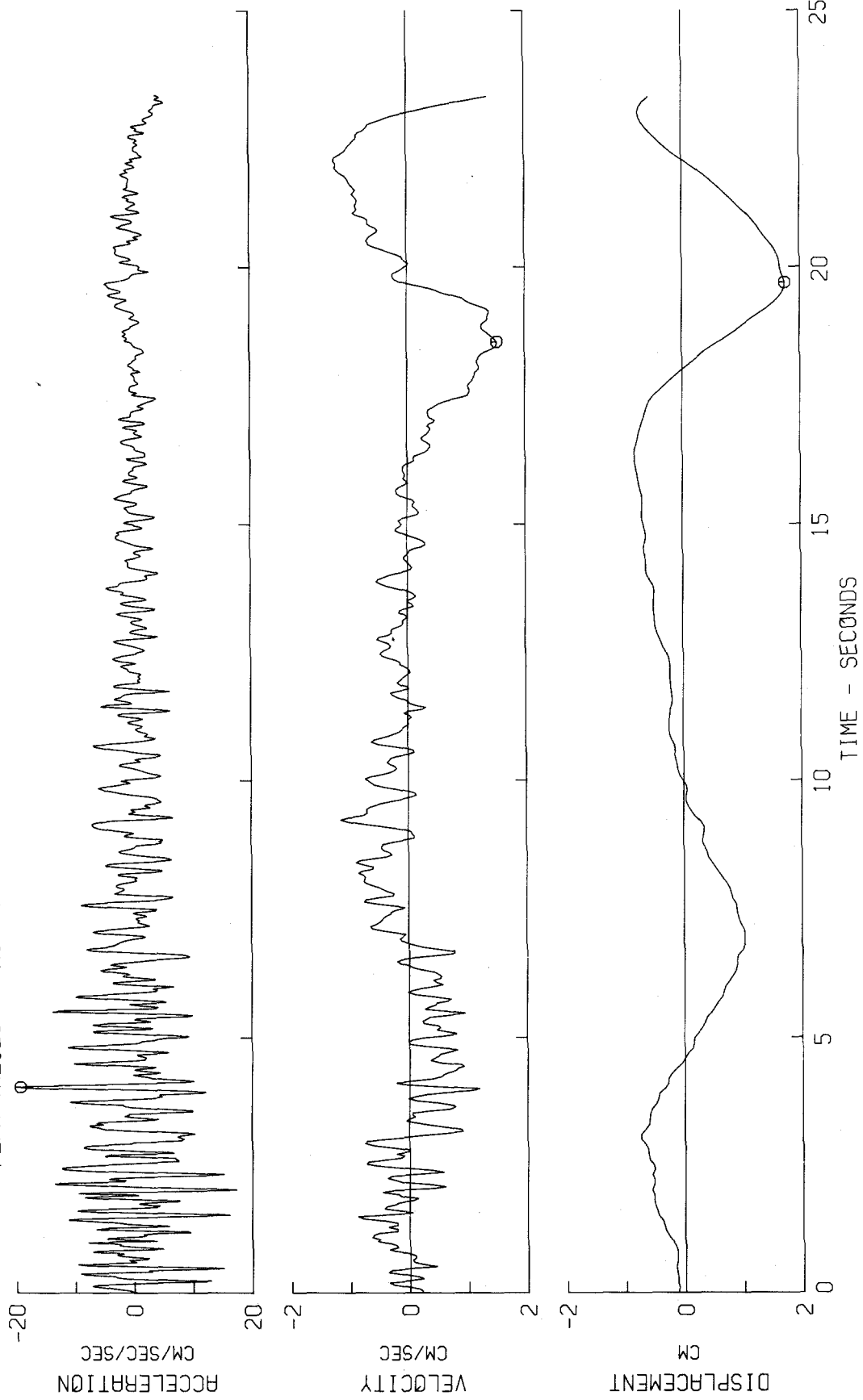
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 IIW339 70.009.0 SOUTHERN CALIFORNIA EDISON COMPANY, COLTON, CAL. COMP EAST
 PEAK VALUES : ACCEL = -35.4 CM/SEC/SEC VELOCITY = -1.9 CM/SEC DISPL = -.7 CM



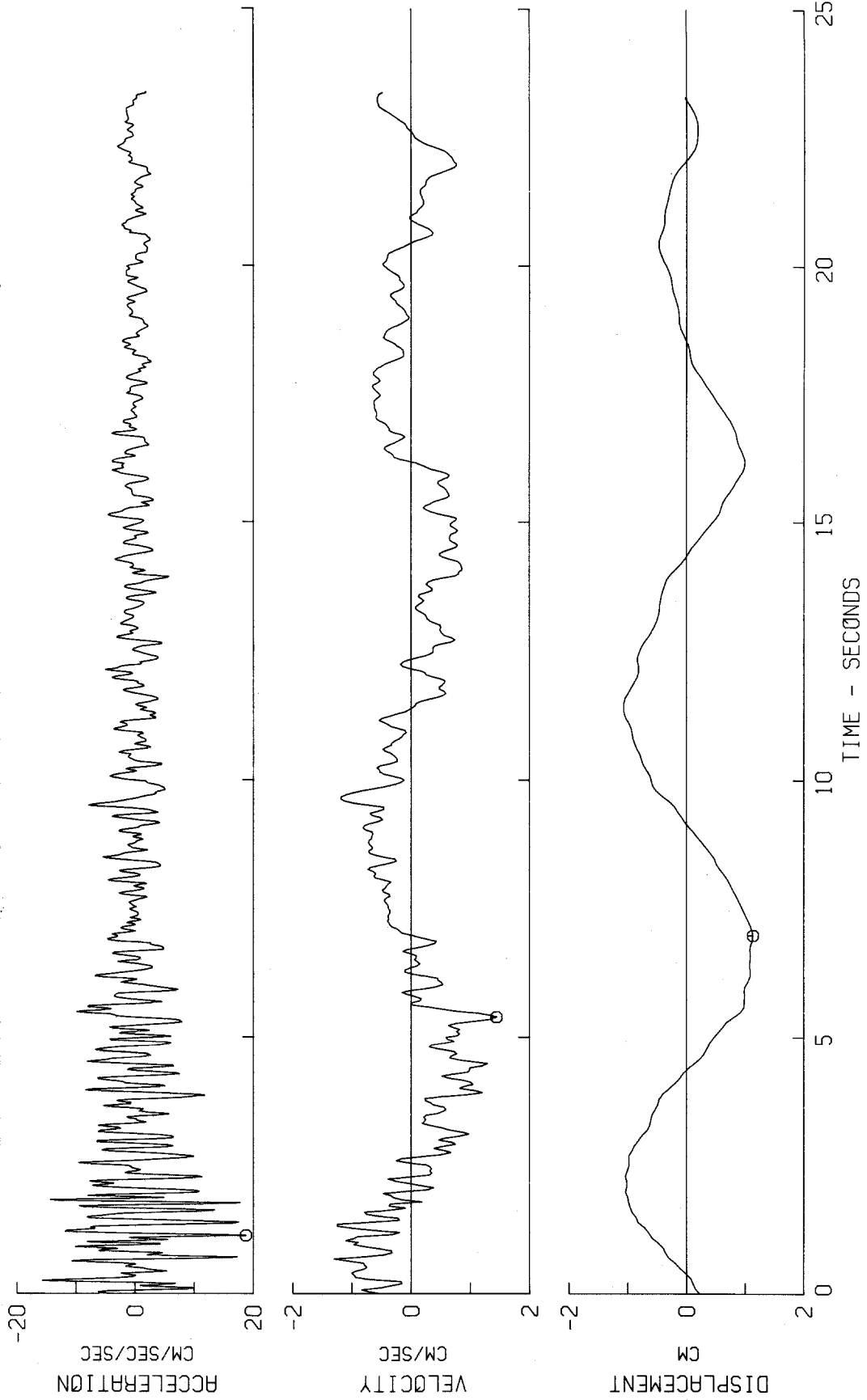
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW339 70.009.0 SOUTHERN CALIFORNIA EDISON COMPANY, COLTON, CAL. COMP UP
PEAK VALUES : ACCEL = -33.6 CM/SEC/SEC VELOCITY = -1.3 CM/SEC DISPL = 0.7 CM



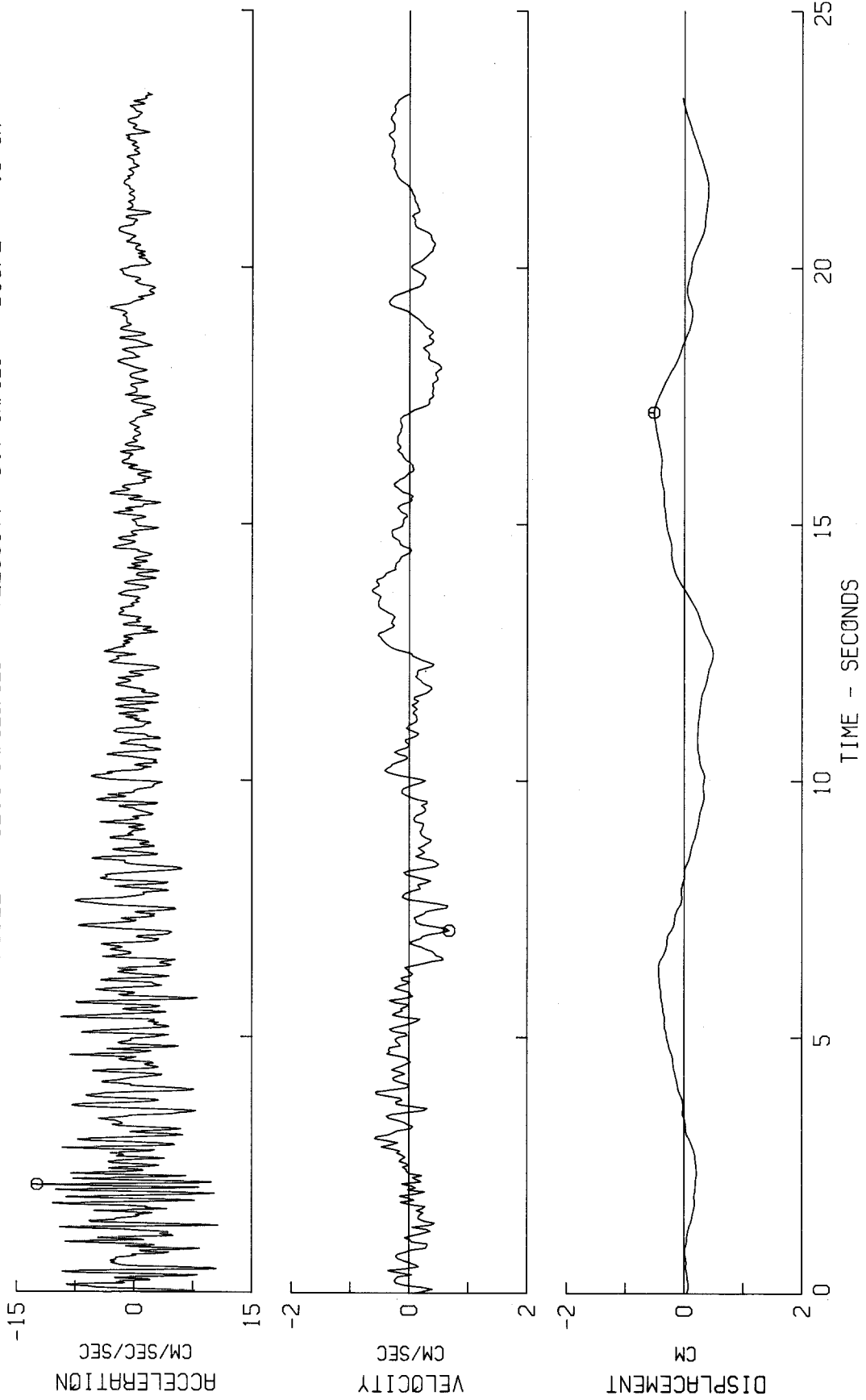
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW342 70.038.0 MILLIKAN LIBRARY, BSMNT., CALTECH, PASADENA, CAL. COMP NORTH
PEAK VALUES : ACCEL = -19.4 CM/SEC/SEC VELOCITY = 1.5 CM/SEC DISPL = 1.7 CM



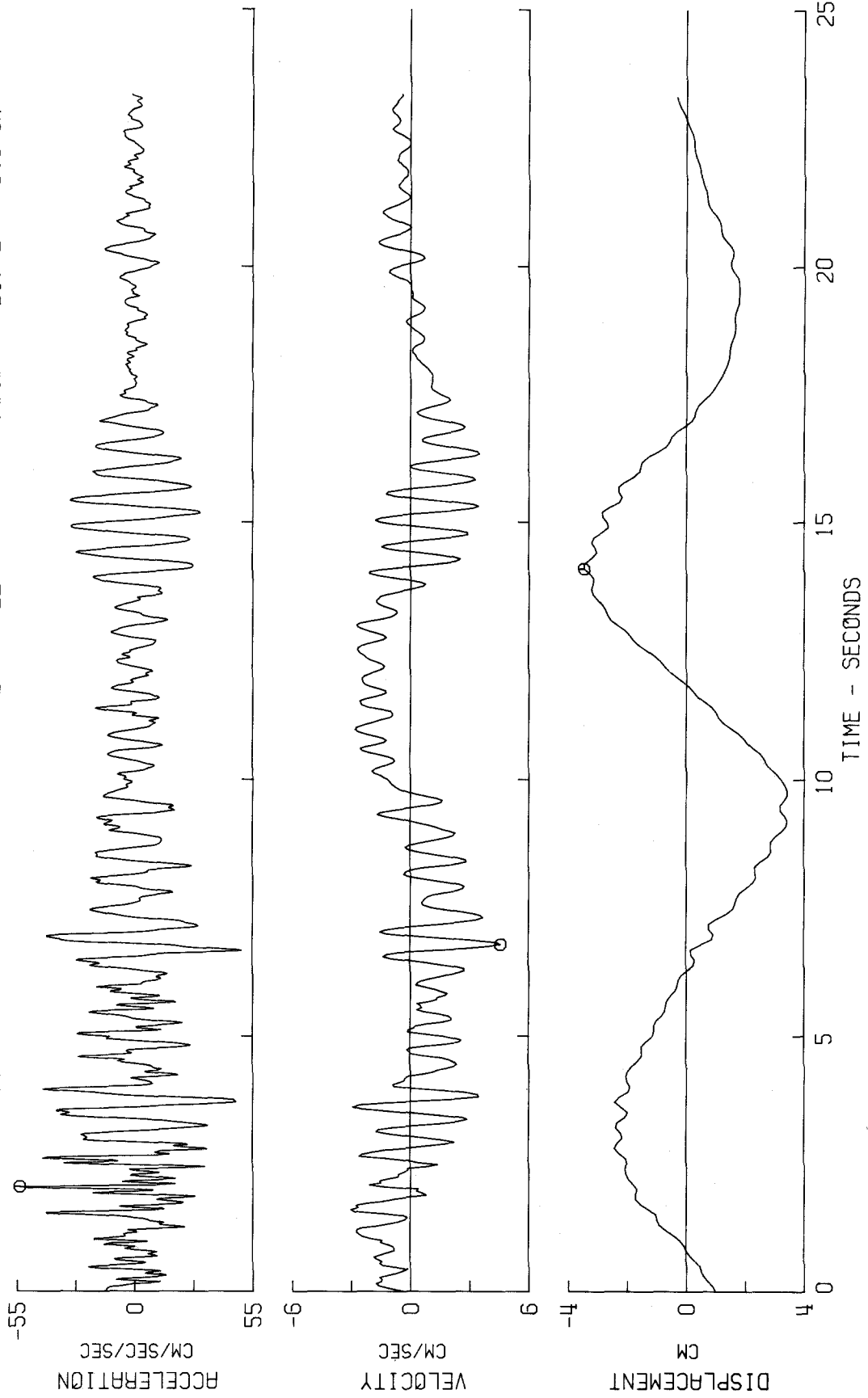
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW342 70.038.0 MILLIKAN LIBRARY, BSMNT., CALTECH, PASADENA, CAL. COMP EAST
PEAK VALUES : ACCEL = 18.7 CM/SEC/SEC VELOCITY = 1.4 CM/SEC DISPL = 1.1 CM



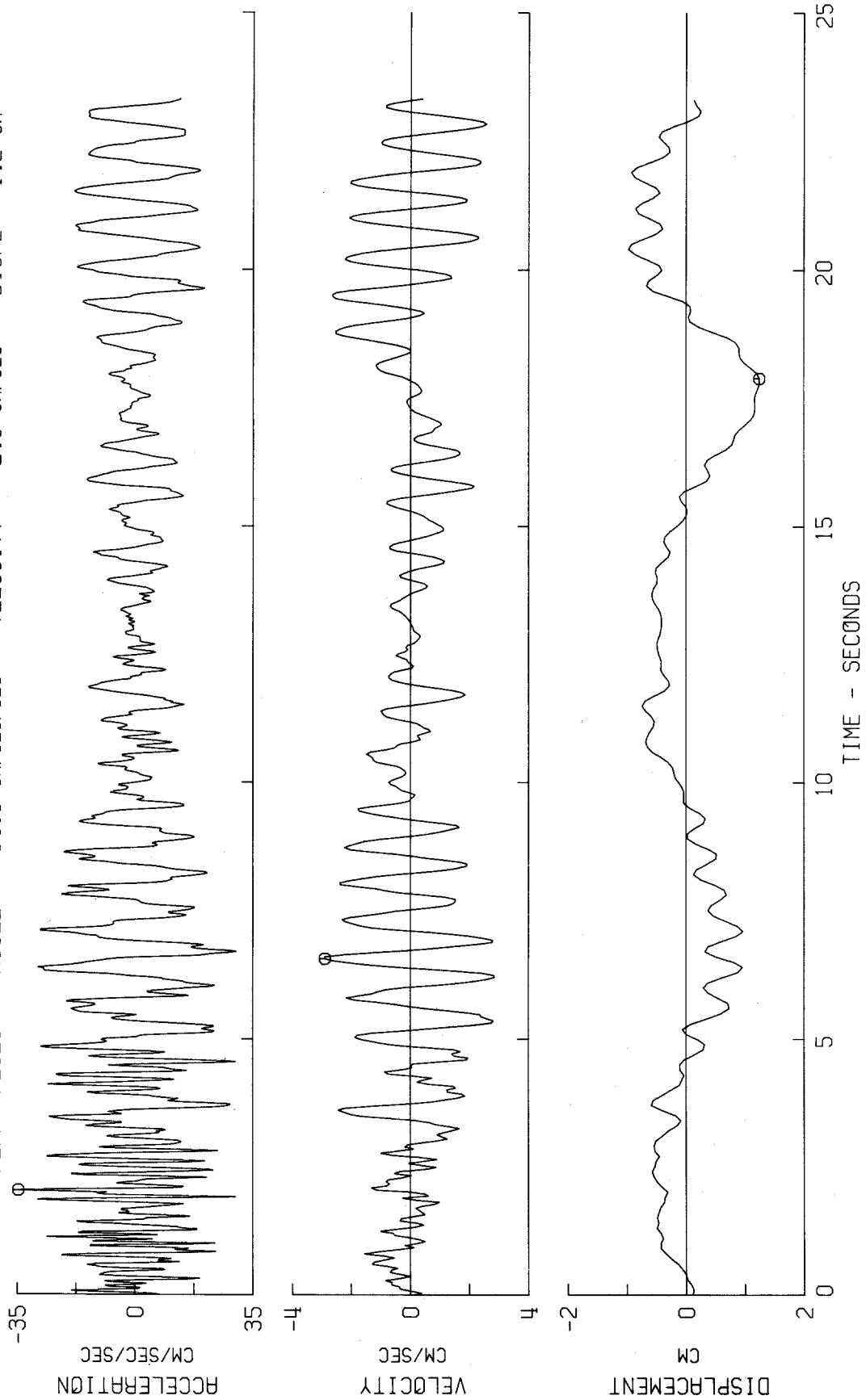
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW342 70.038.0 MILLIKAN LIBRARY, BSMNT., CALTECH, PASADENA, CAL. COMP DOWN
PEAK VALUES: ACCEL = -12.4 CM/SEC/SEC VELOCITY = 0.7 CM/SEC DISPL = -.5 CM



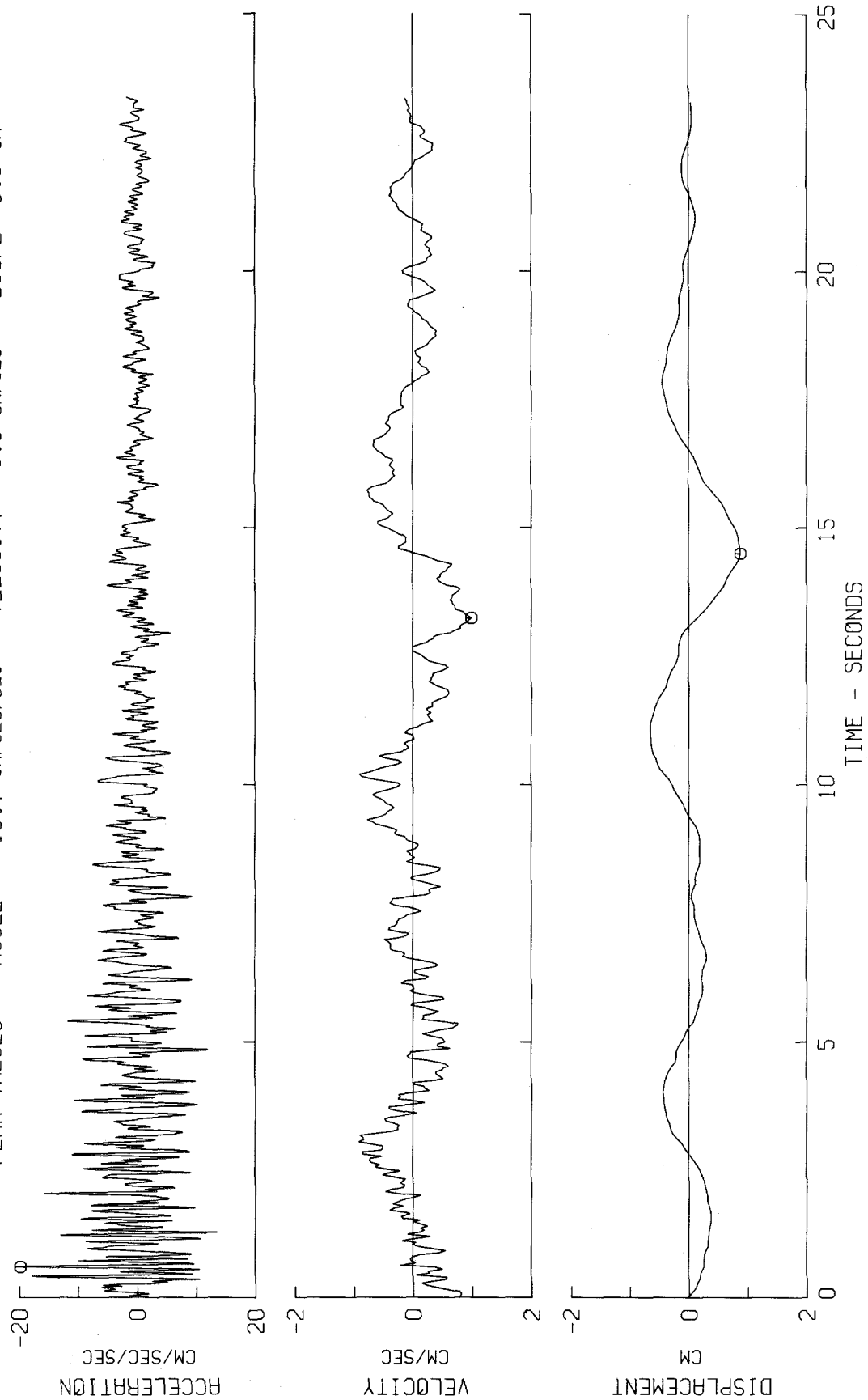
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW343 70.003.0 MILLIKAN LIBRARY, 10TH FL., CALTECH, PASADENA, CAL. COMP NORTH
PEAK VALUES : ACCEL = -53.6 CM/SEC/SEC VELOCITY = 4.6 CM/SEC DISPL = -3.5 CM



LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW343 70.003.0 MILLIKAN LIBRARY, 10TH FL., CALTECH, PASADENA, CAL. COMP EAST
PEAK VALUES : ACCEL = -34.6 CM/SEC/SEC VELOCITY = -2.9 CM/SEC DISPL = 1.2 CM



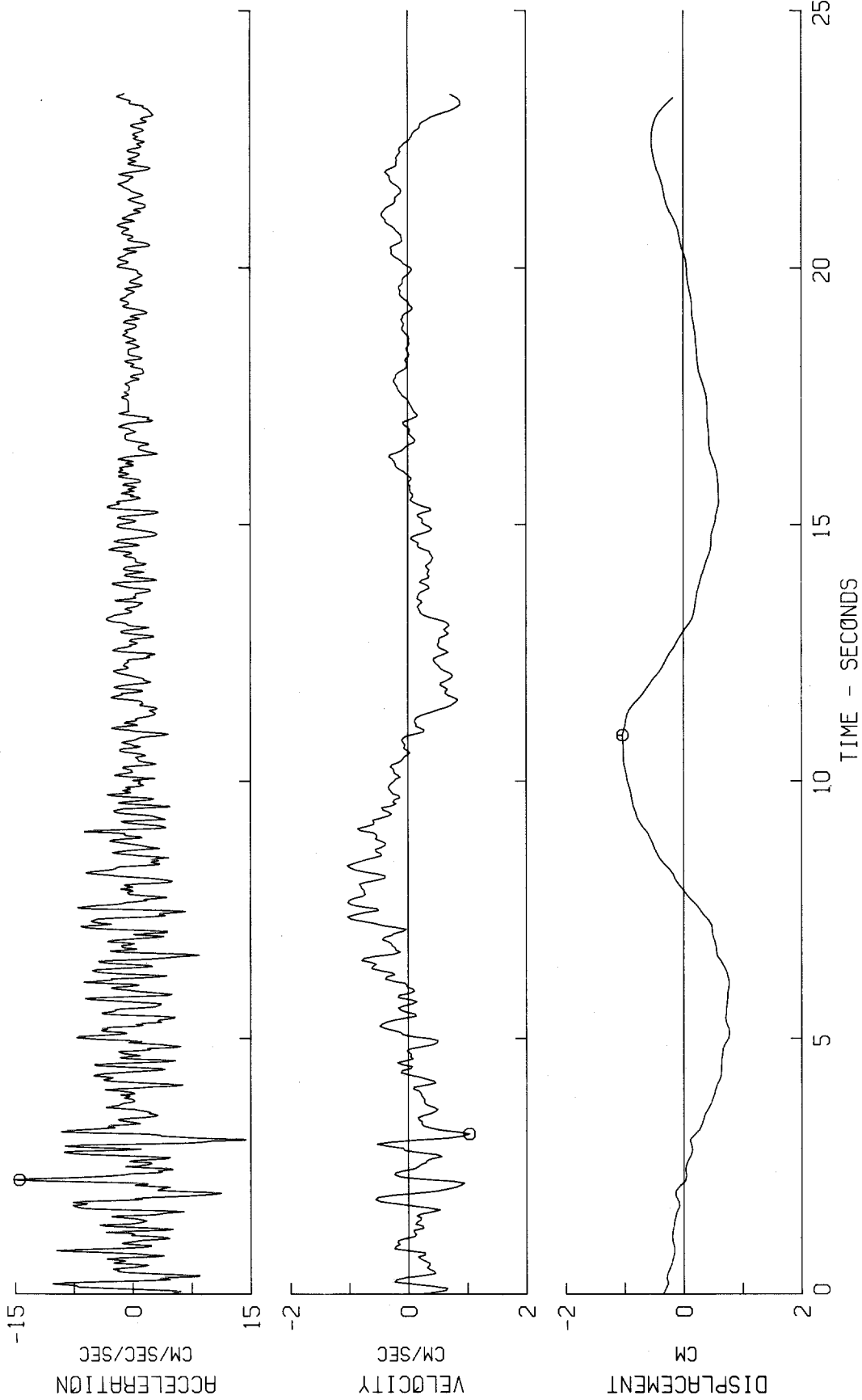
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW343 70.003.0 MILLIKAN LIBRARY, 10TH FL., CALTECH, PASADENA, CAL. COMP DOWN
O PEAK VALUES : ACCEL = -19.7 CM/SEC/SEC VELOCITY = 1.0 CM/SEC DISPL = 0.9 CM



LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST

IIW344 70.039.0 J.P.L., BSMNT., PASADENA, CAL. COMP S82E

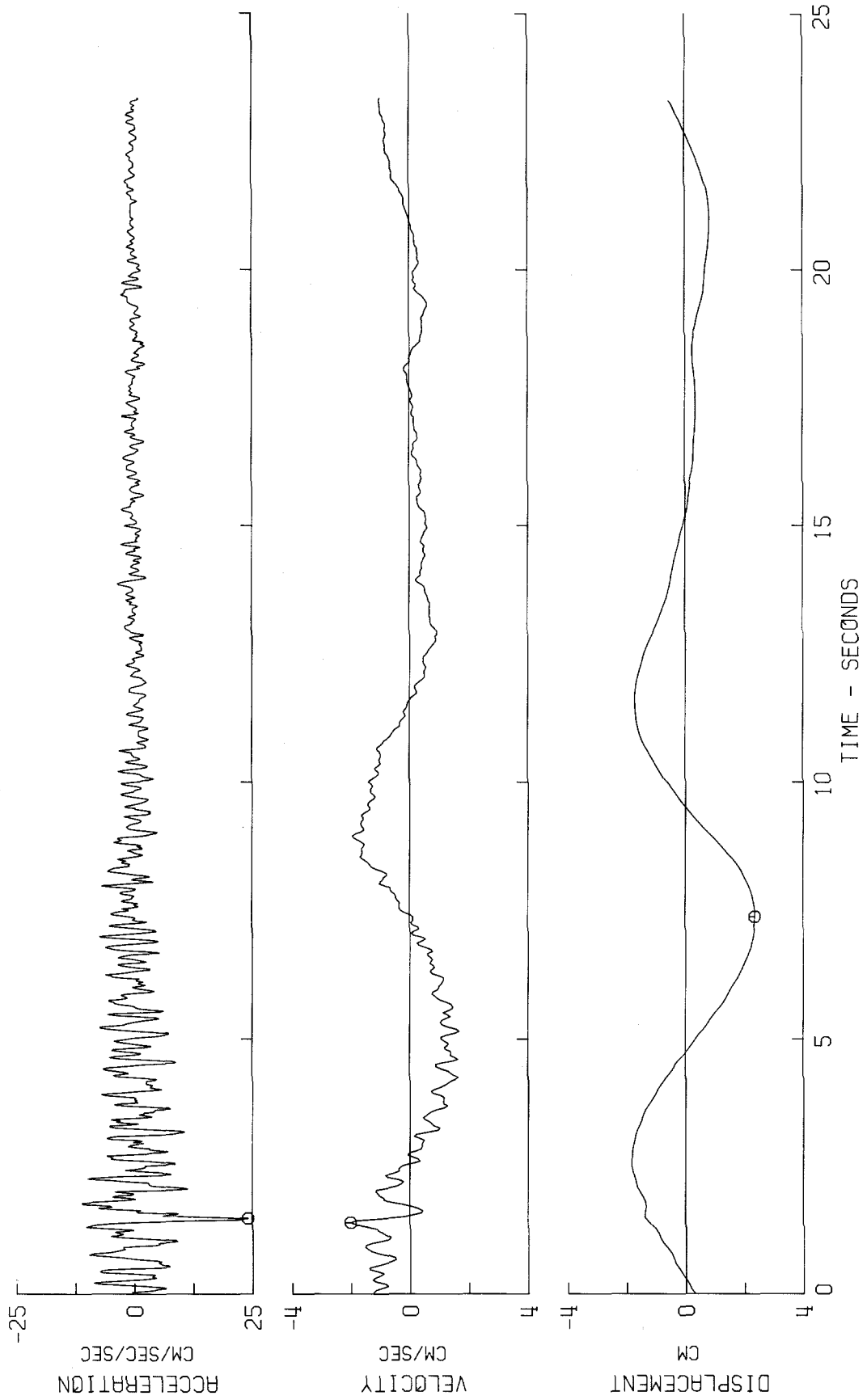
⊙ PEAK VALUES : ACCEL = -14.5 CM/SEC/SEC VELOCITY = 1.0 CM/SEC DISPL = -1.0 CM



LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST

IIW344 70.039.0 J.P.L., BSMNT., PASADENA, CAL. COMP S08W

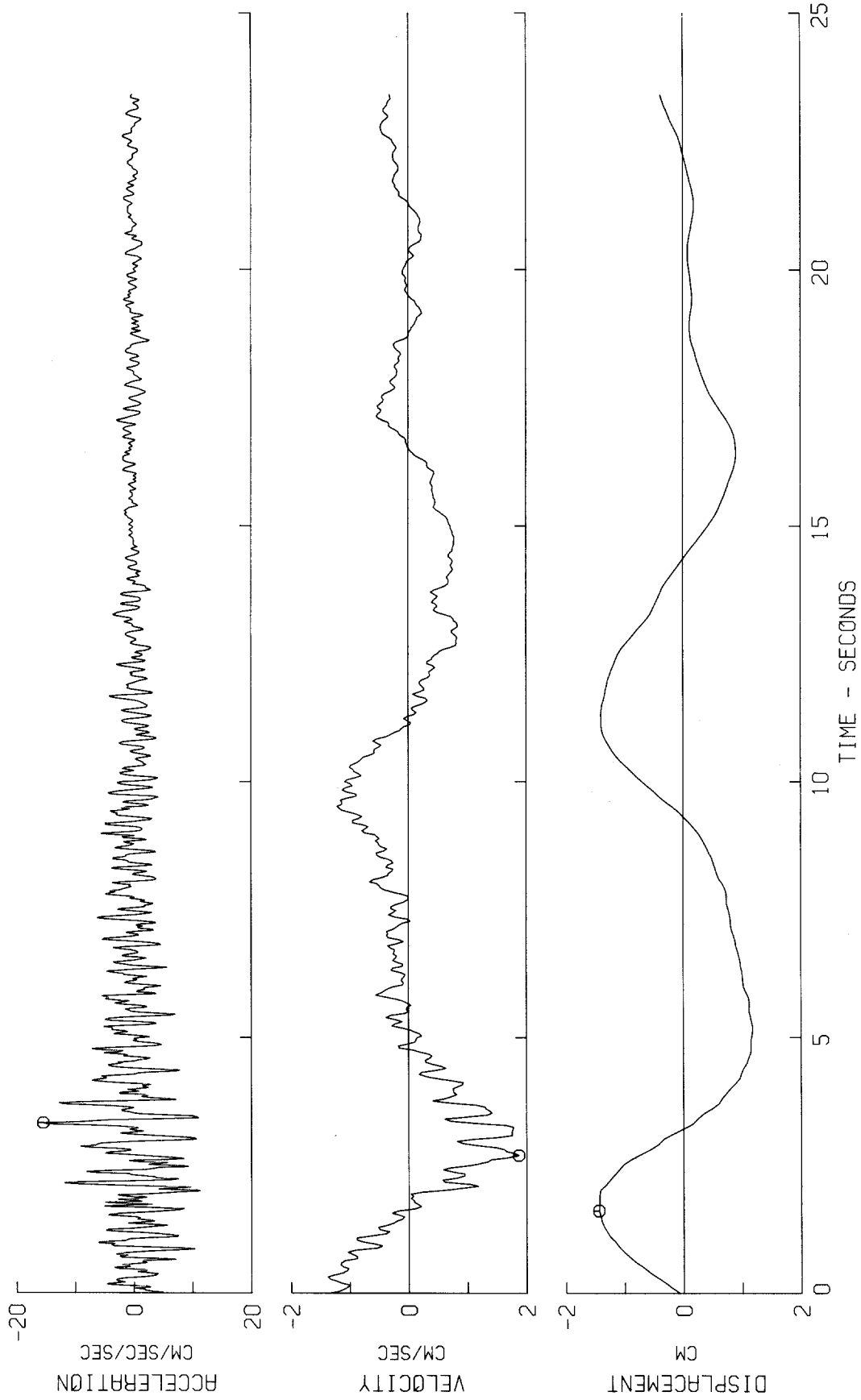
PEAK VALUES : ACCEL = 24.1 CM/SEC/SEC VELOCITY = -2.0 CM/SEC DISPL = 2.4 CM



LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST

IIW344 70.039.0 J.P.L., BSMNT., PASADENA, CAL. COMP DOWN

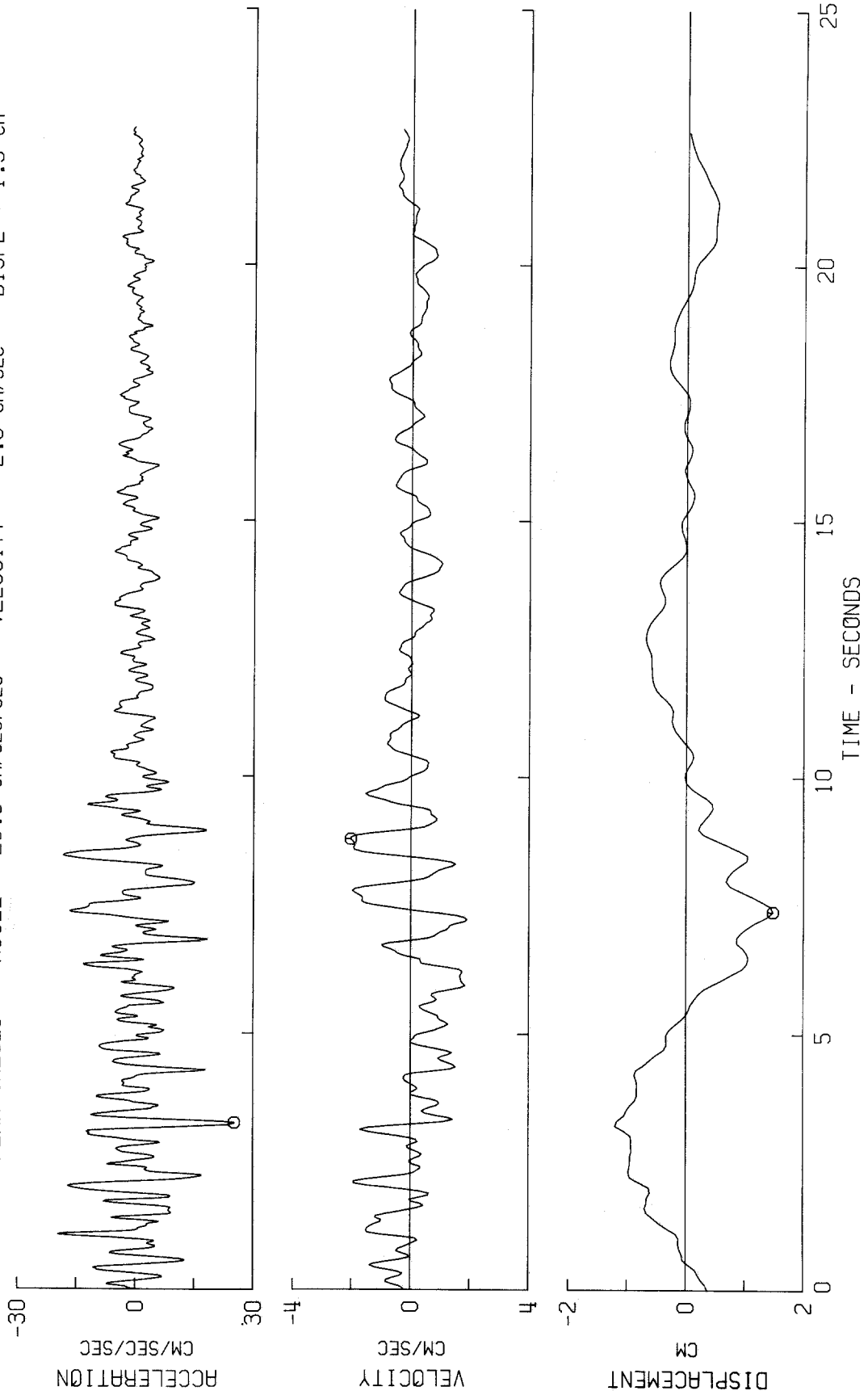
PEAK VALUES : ACCEL = -15.4 CM/SEC/SEC VELOCITY = 1.9 CM/SEC DISPL = -1.4 CM



LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST

IIW345 70.040.0 J.P.L., 9TH FL., PASADENA, CAL. COMP S82E

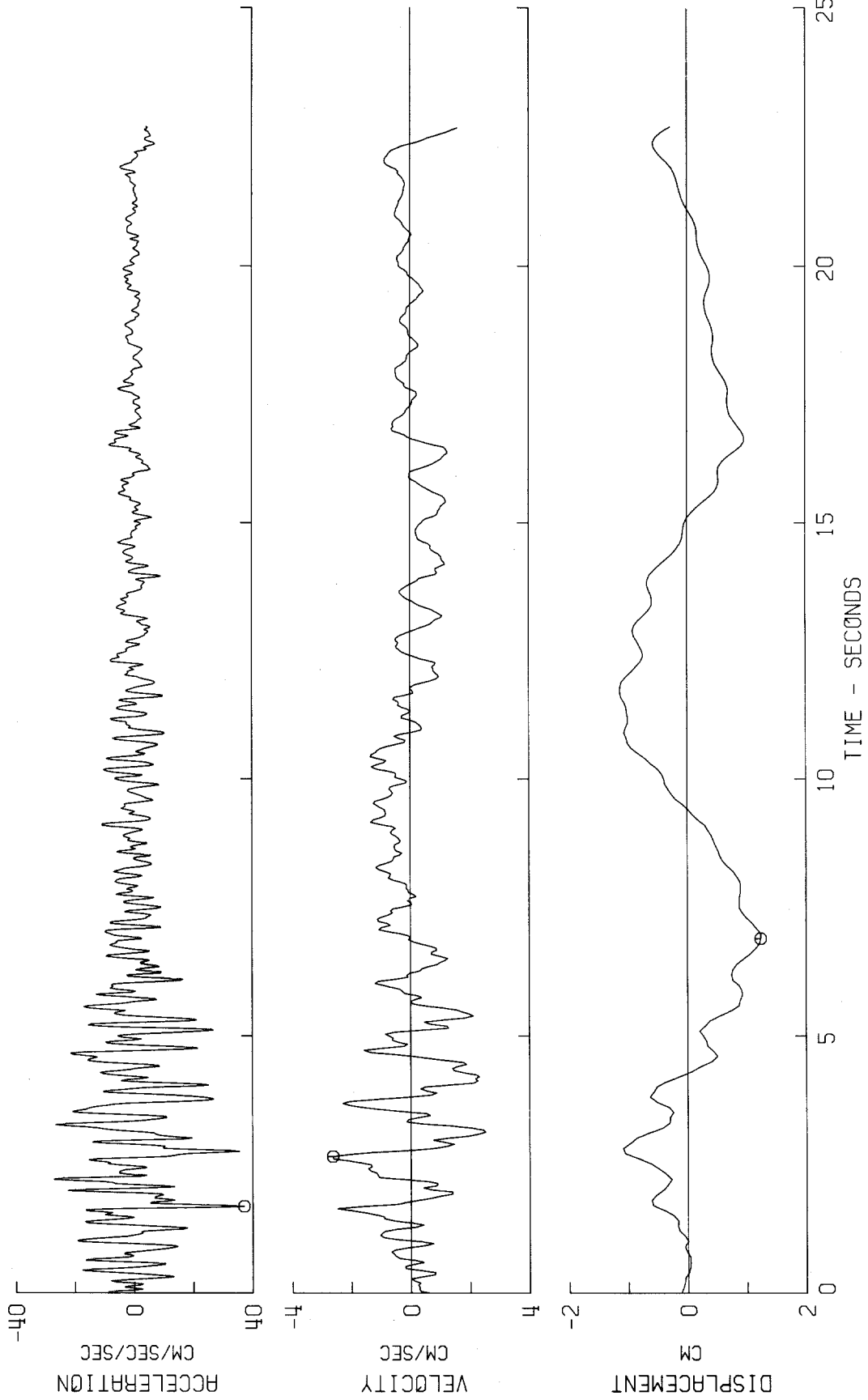
⊙ PEAK VALUES : ACCEL = 25.3 CM/SEC/SEC VELOCITY = -2.0 CM/SEC DISPL = 1.5 CM



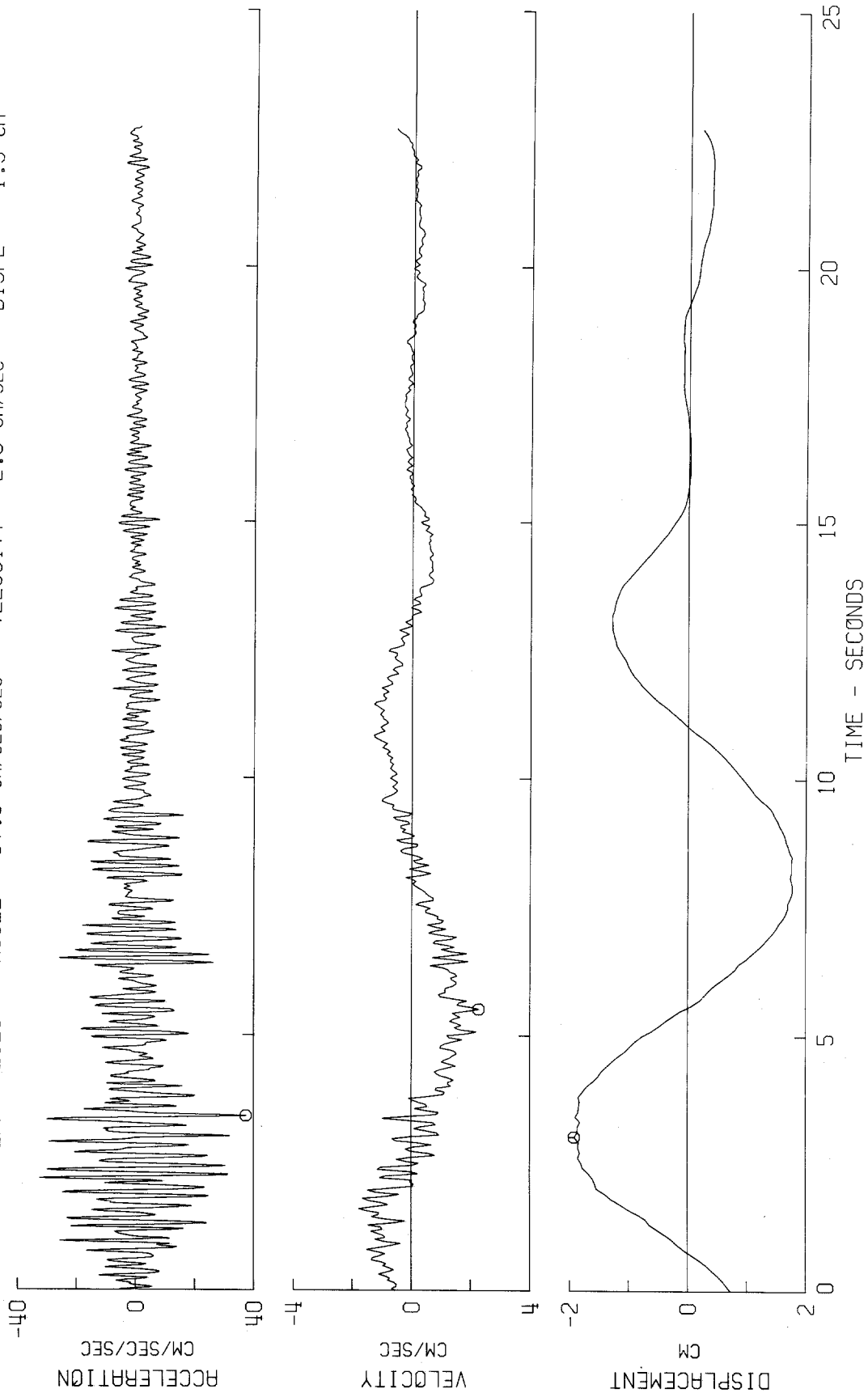
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST

IIW345 70.040.0 J.P.L., 9TH FL., PASADENA, CAL. COMP S08W

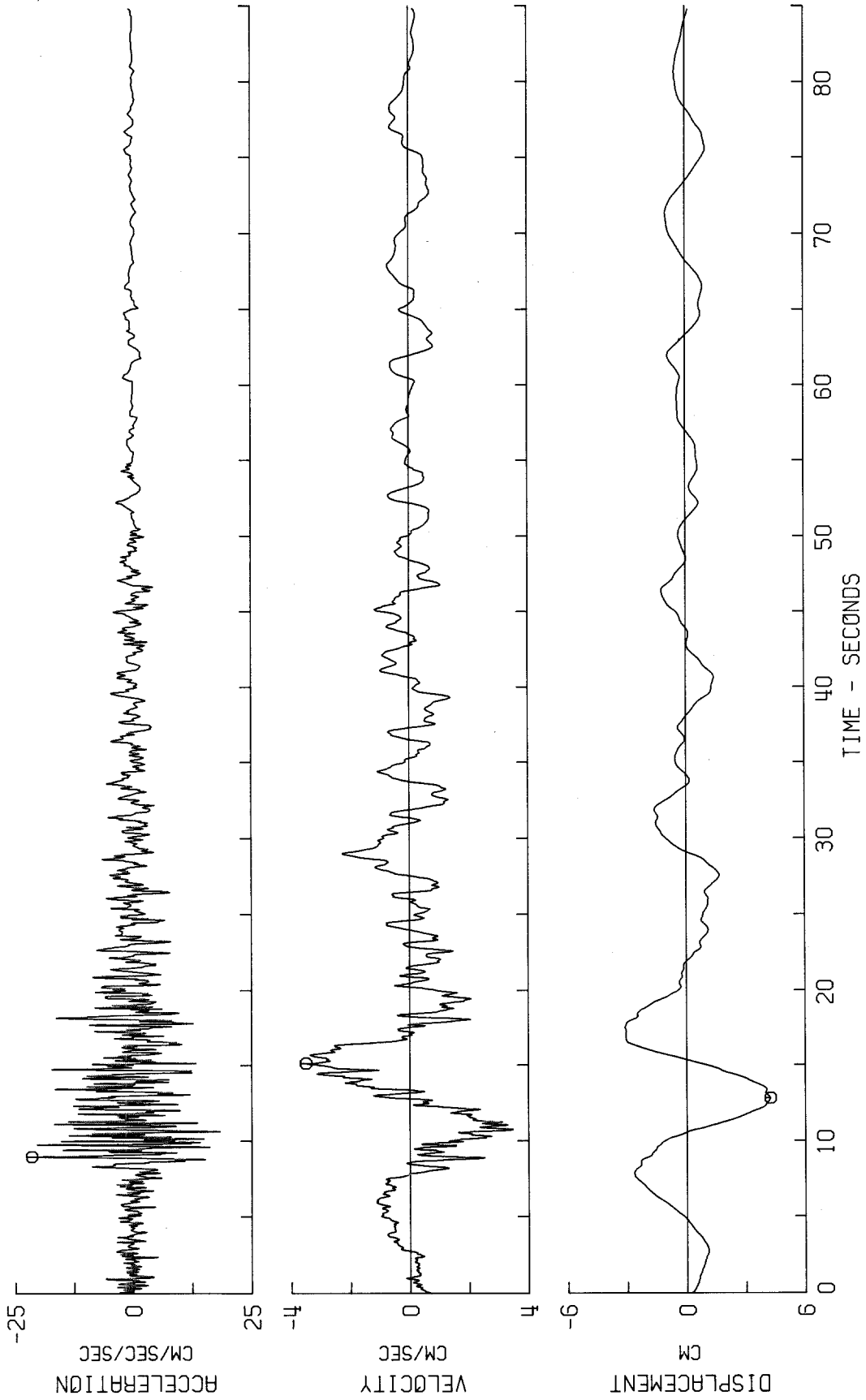
⊙ PEAK VALUES : ACCEL = 37.1 CM/SEC/SEC VELOCITY = -2.6 CM/SEC DISPL = 1.2 CM



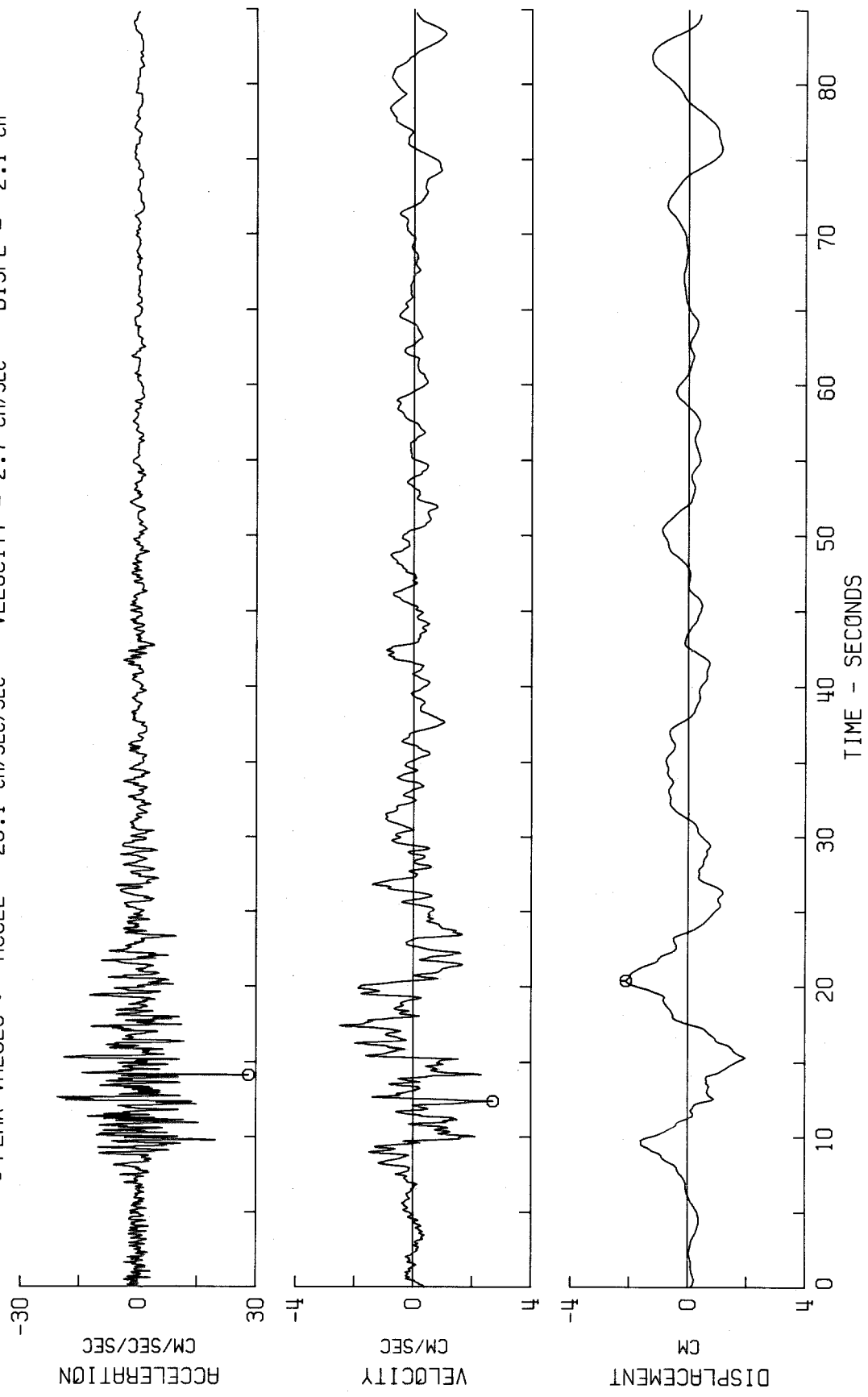
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
IIW345 70.040.0 J.P.L., 9TH FL., PASADENA, CAL. COMP DOWN
PEAK VALUES : ACCEL = 37.5 CM/SEC/SEC VELOCITY = 2.3 CM/SEC DISPL = -1.9 CM



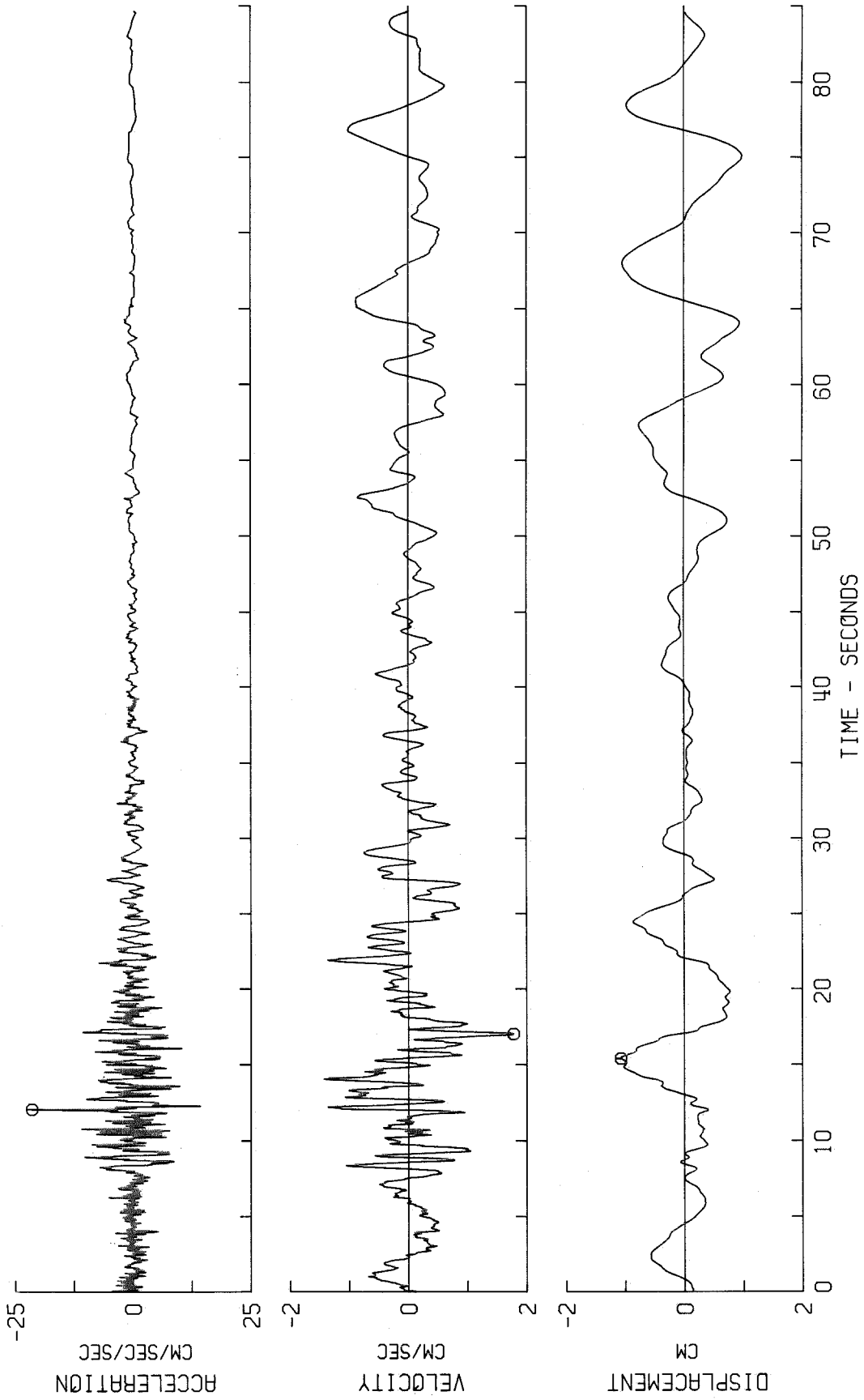
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY370 68.099.0 S. CALIF. EDISON CO., COLTON, CAL. COMP SOUTH
Ø PEAK VALUES : ACCEL = -21.5 CM/SEC/SEC VELOCITY = -3.5 CM/SEC DISPL = 4.3 CM



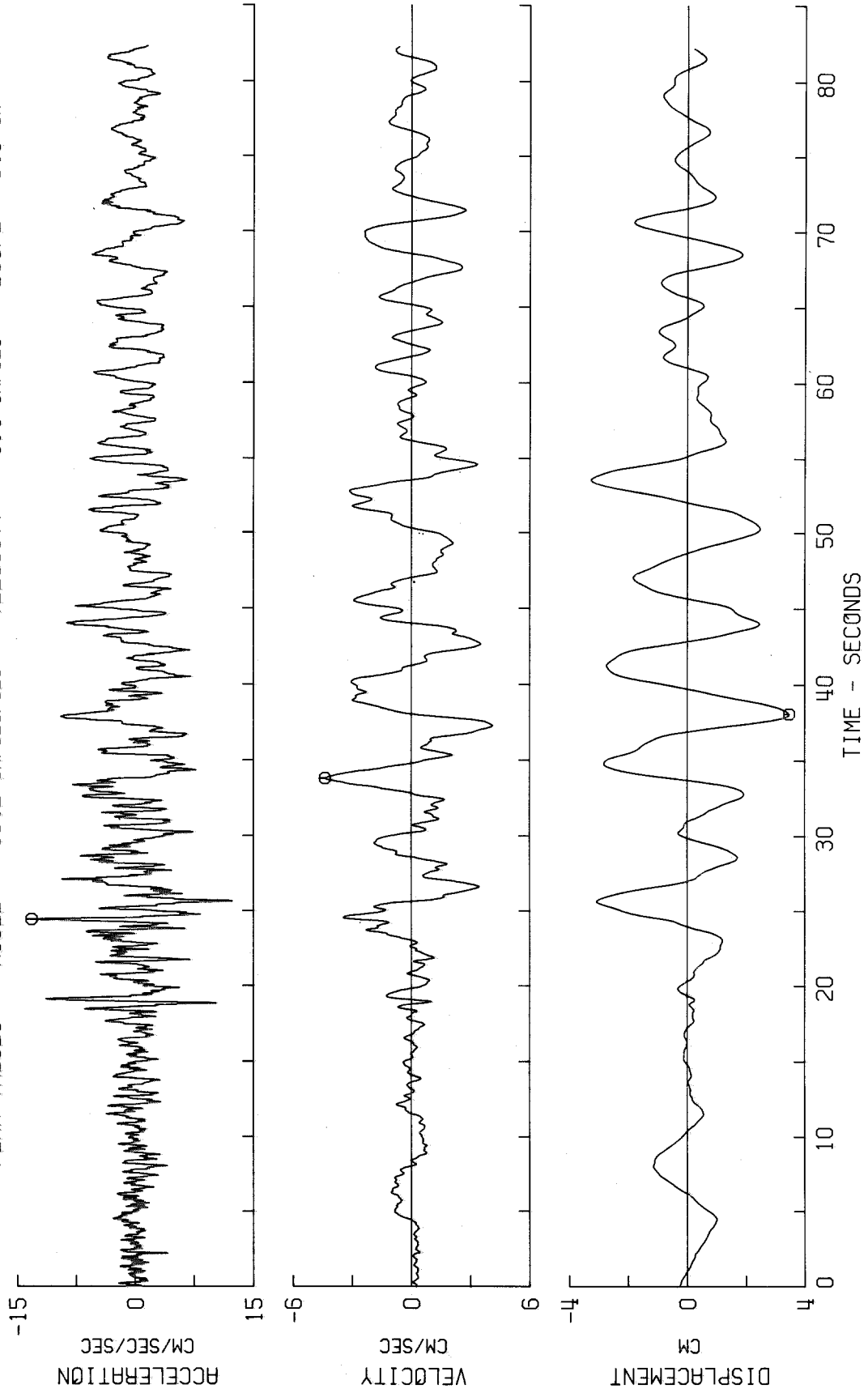
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
111370 68.099.0 S. CALIF. EDISON CO., COLTON, CAL. COMP EAST
⊙ PEAK VALUES : ACCEL = 28.1 CM/SEC/SEC VELOCITY = 2.7 CM/SEC DISPL = -2.1 CM



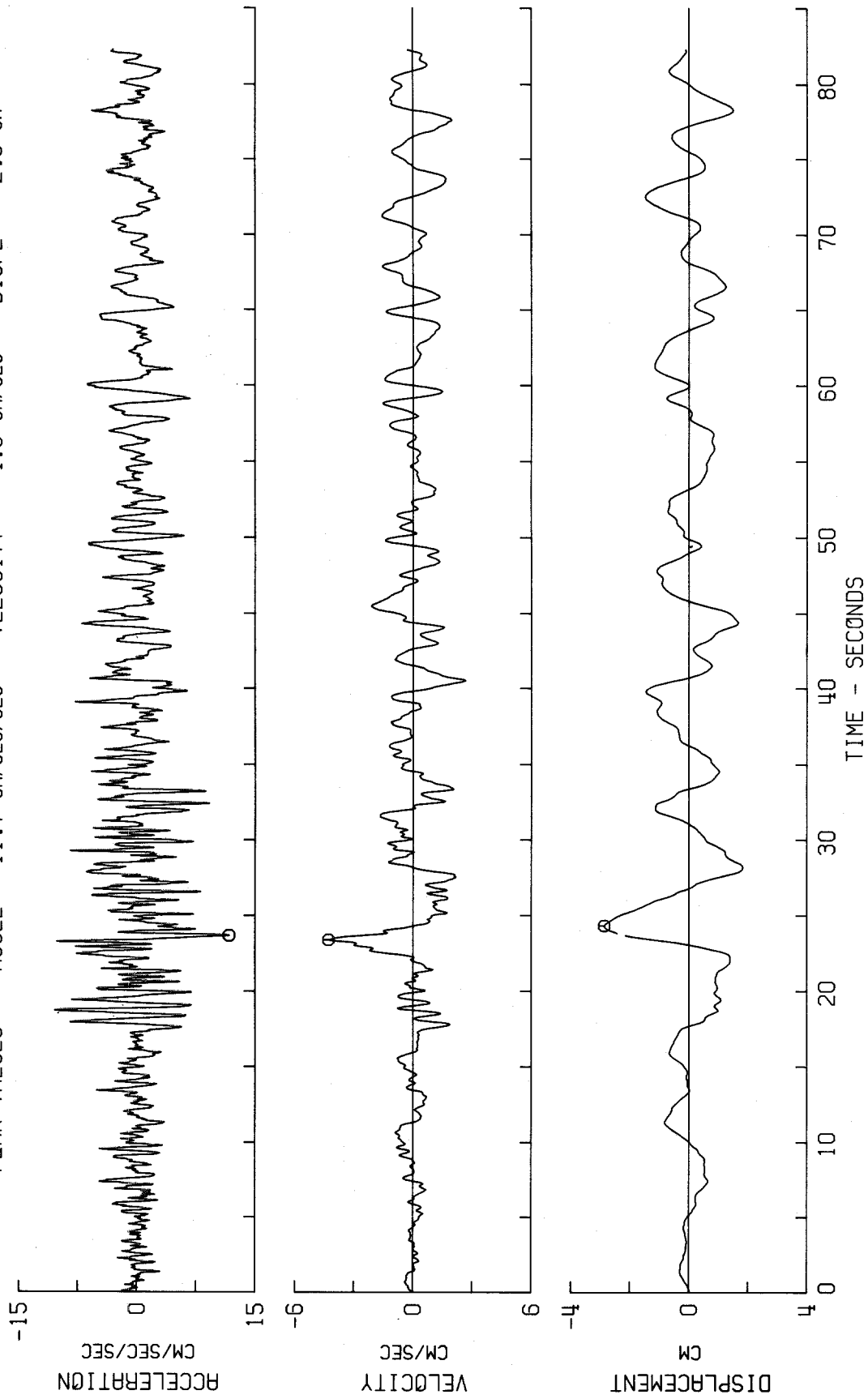
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY370 68.099.0 S. CALIF. EDISON CO., COLTON, CAL. COMP UP
PEAK VALUES : ACCEL = -21.5 CM/SEC/SEC VELOCITY = 1.8 CM/SEC DISPL = -1.1 CM



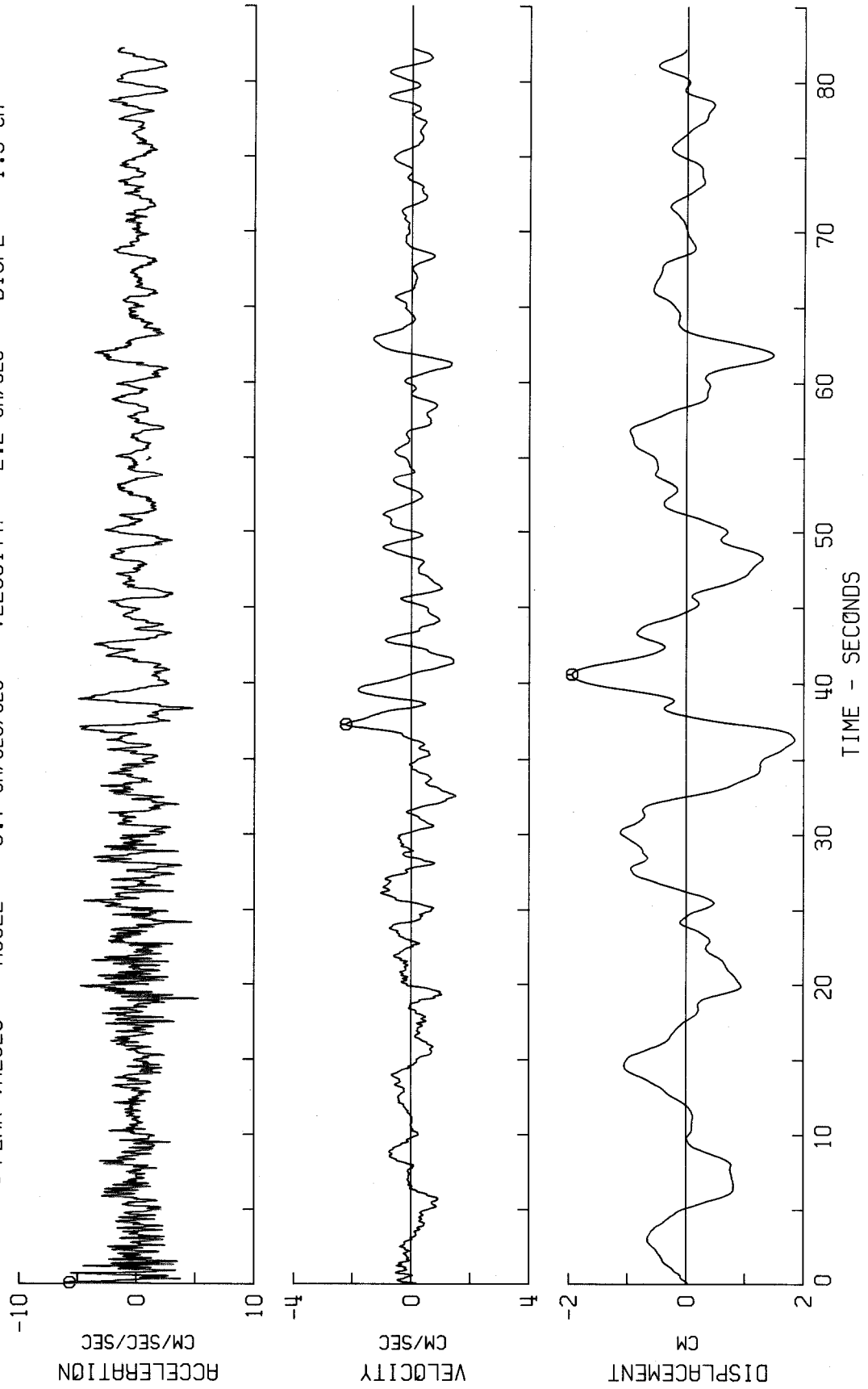
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY371 68.103.0 ENGINEERING BLDG., SANTA ANA, ORANGE COUNTY, CAL. COMP S04E
⊙ PEAK VALUES : ACCEL = -13.2 CM/SEC/SEC VELOCITY = -4.4 CM/SEC DISPL = 3.5 CM



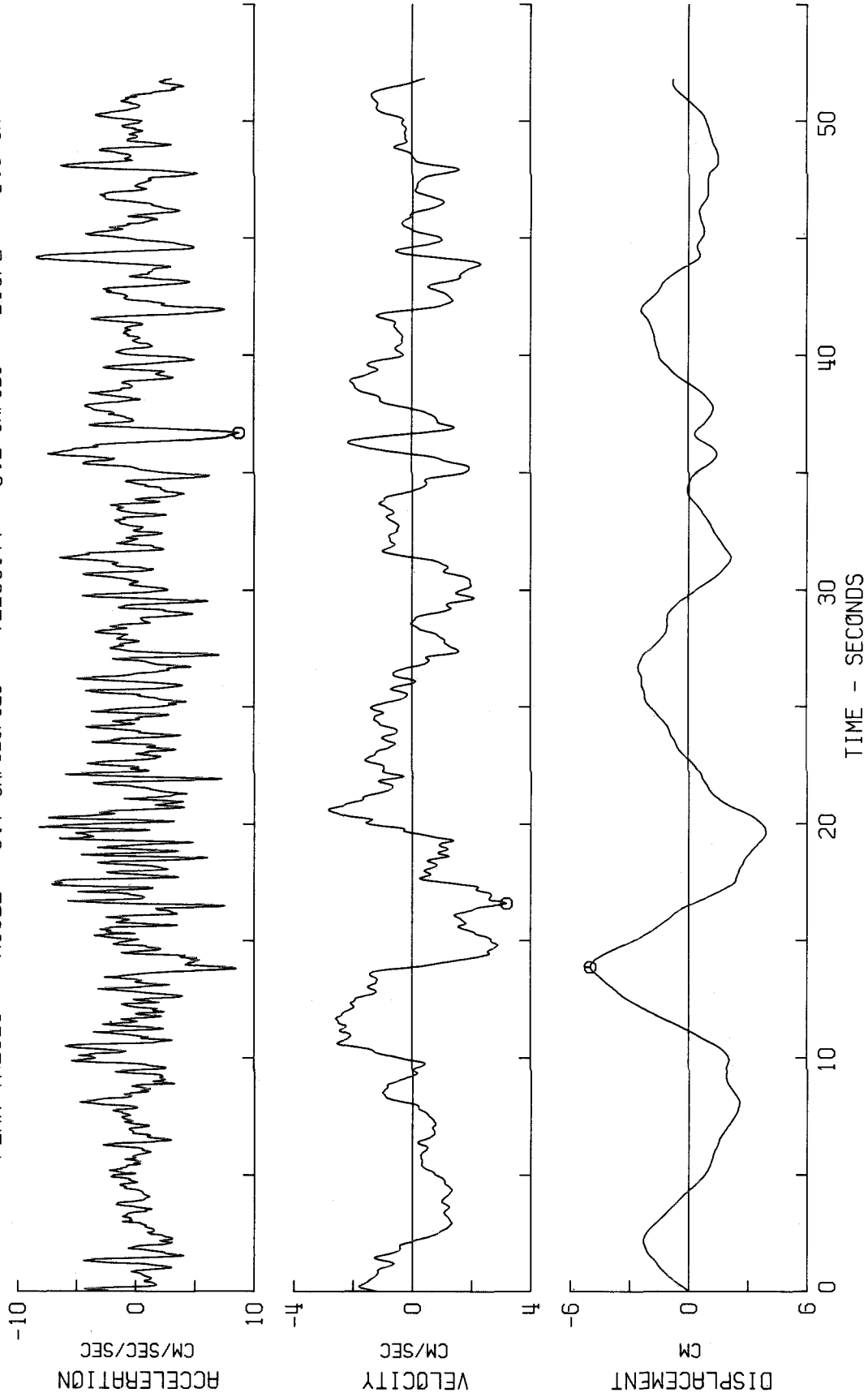
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY371 68.103.0 ENGINEERING BLDG., SANTA ANA, ORANGE COUNTY, CAL. COMP S86W
⊙ PEAK VALUES : ACCEL = 11.7 CM/SEC/SEC VELOCITY = -4.3 CM/SEC DISPL = -2.9 CM



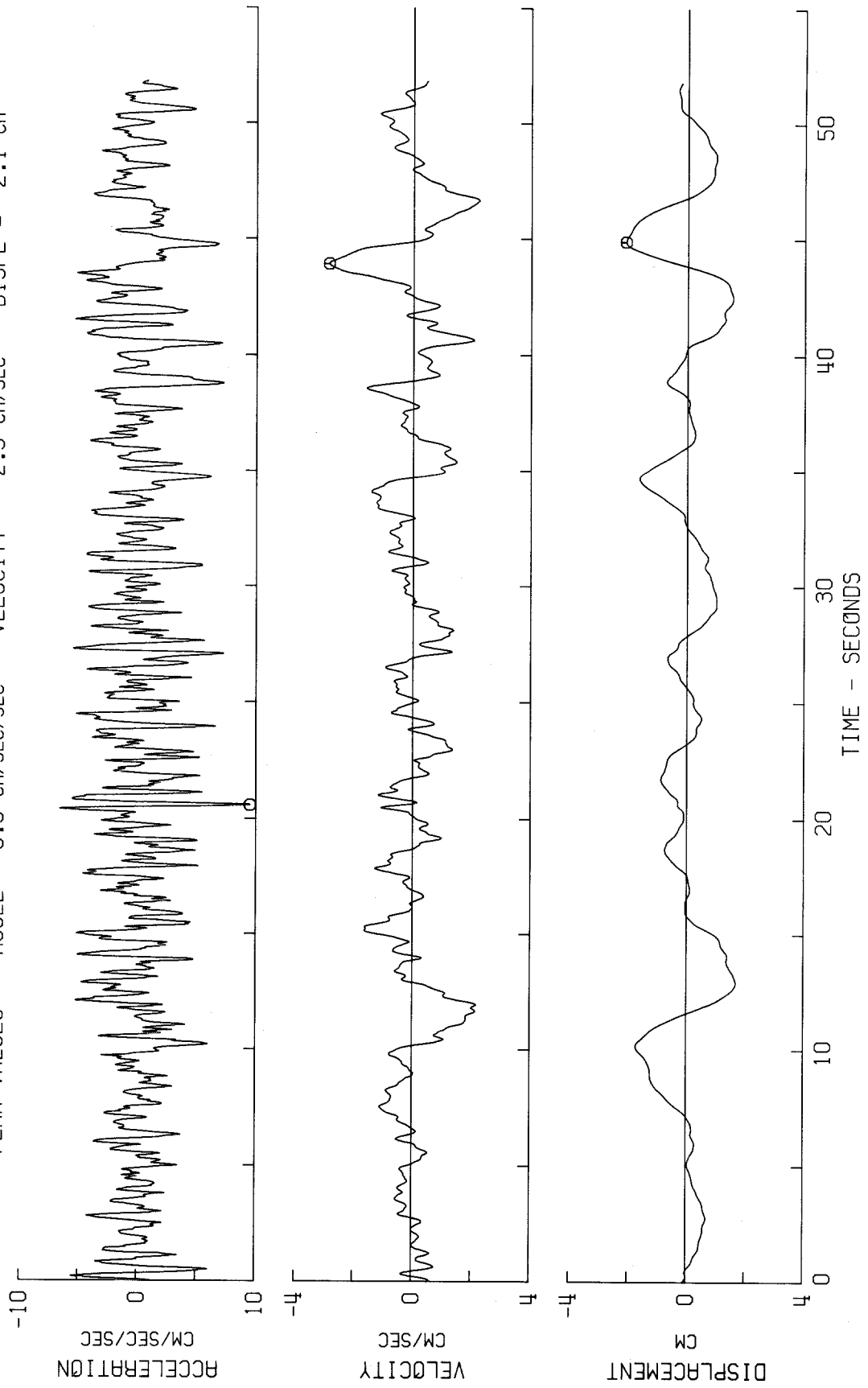
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY371 68.103.0 ENGINEERING BLDG., SANTA ANA, ORANGE COUNTY, CAL. COMP UP
Ø PEAK VALUES : ACCEL = -5.7 CM/SEC/SEC VELOCITY = -2.2 CM/SEC DISPL = -1.9 CM



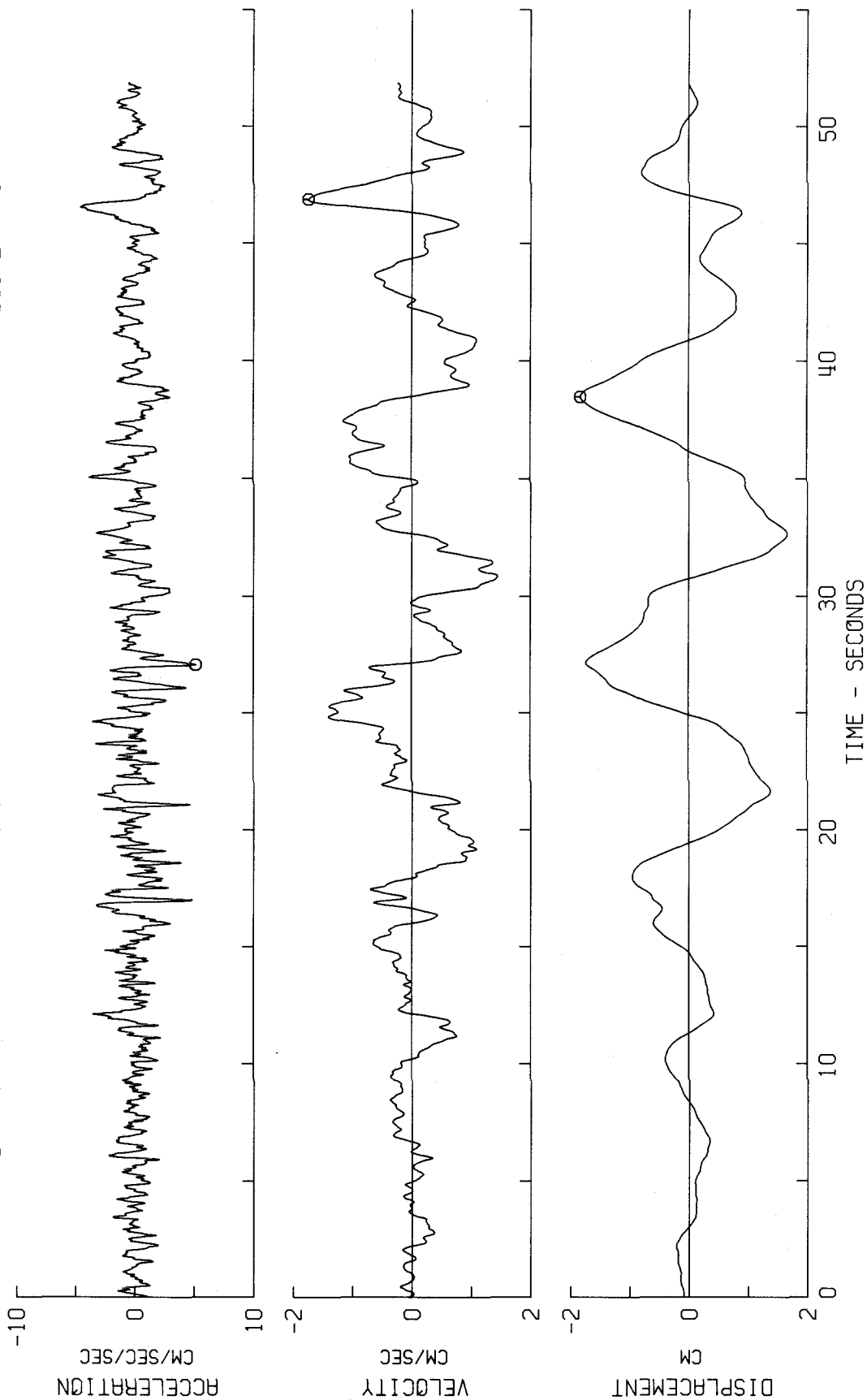
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY372 68.080.0 TERMINAL ISLAND, SO. CAL. EDISON PLANT, LONG BEACH, CAL. COMP N21W
O PEAK VALUES : ACCEL = 8.7 CM/SEC/SEC VELOCITY = 3.2 CM/SEC DISPL = -5.0 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 IIY372 68.080.0 TERMINAL ISLAND, SO. CAL. EDISON PLANT, LONG BEACH, CAL. COMP S69W
 ○ PEAK VALUES : ACCEL = 9.5 CM/SEC/SEC VELOCITY = -2.9 CM/SEC DISPL = -2.1 CM

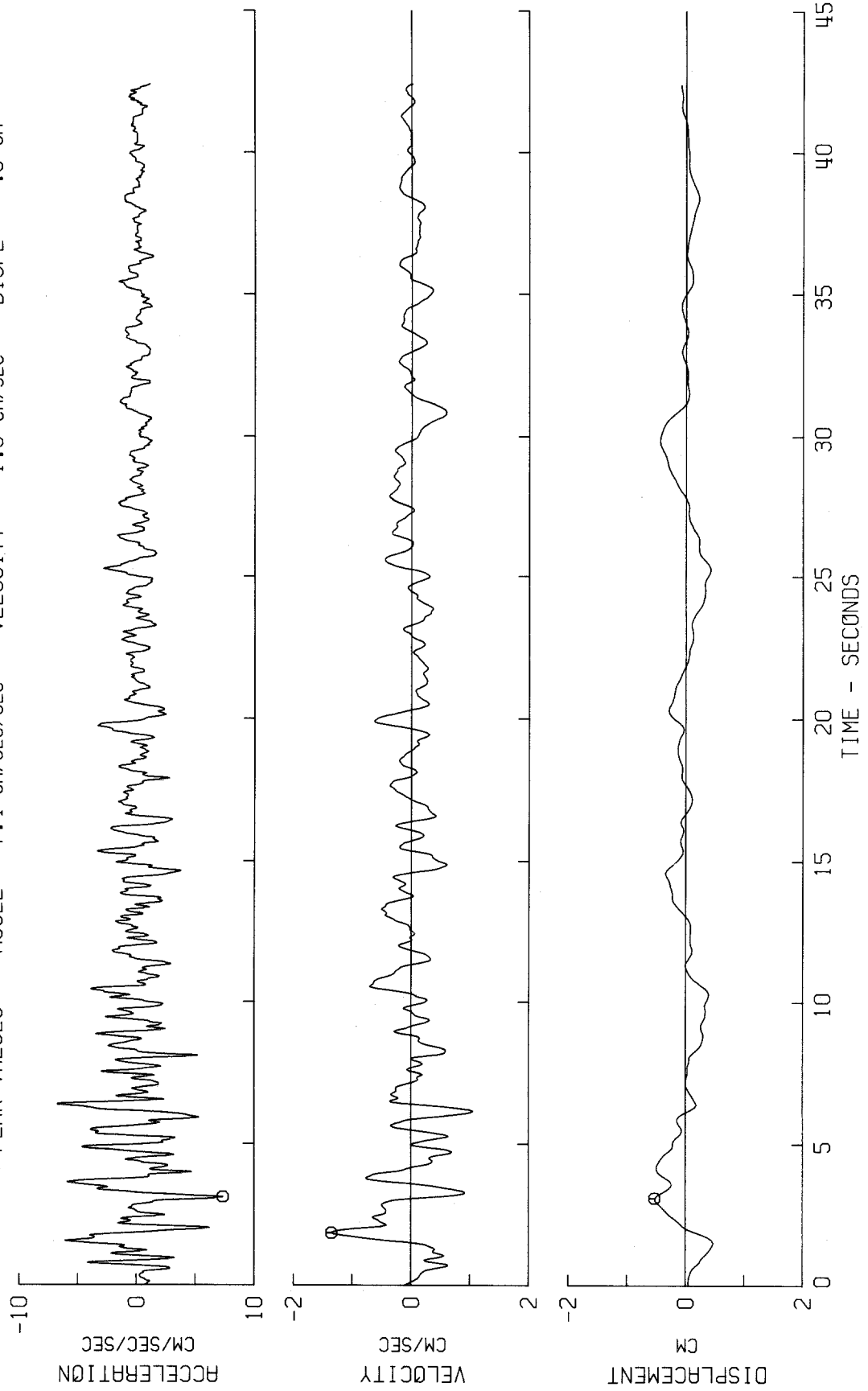


BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 I1Y372 68.080.0 TERMINAL ISLAND, SO. CAL. EDISON PLANT, LONG BEACH, CAL. COMP UP
 @ PEAK VALUES : ACCEL = 5.1 CM/SEC/SEC VELOCITY = -1.8 CM/SEC DISPL = -1.8 CM

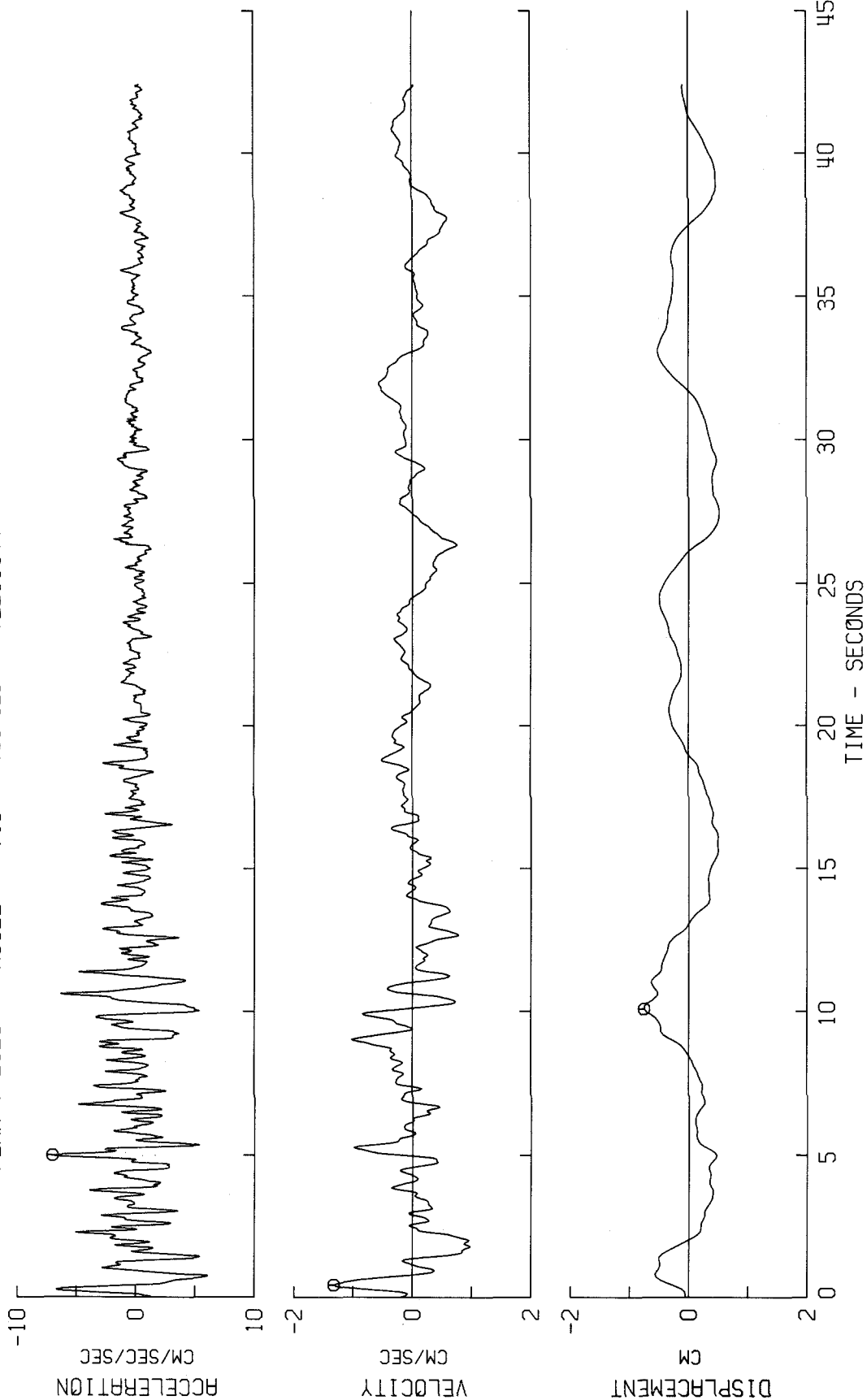


BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 11Y373 68.089.0 J.P.L., BSMNT., PASADENA, CAL. COMP S82E

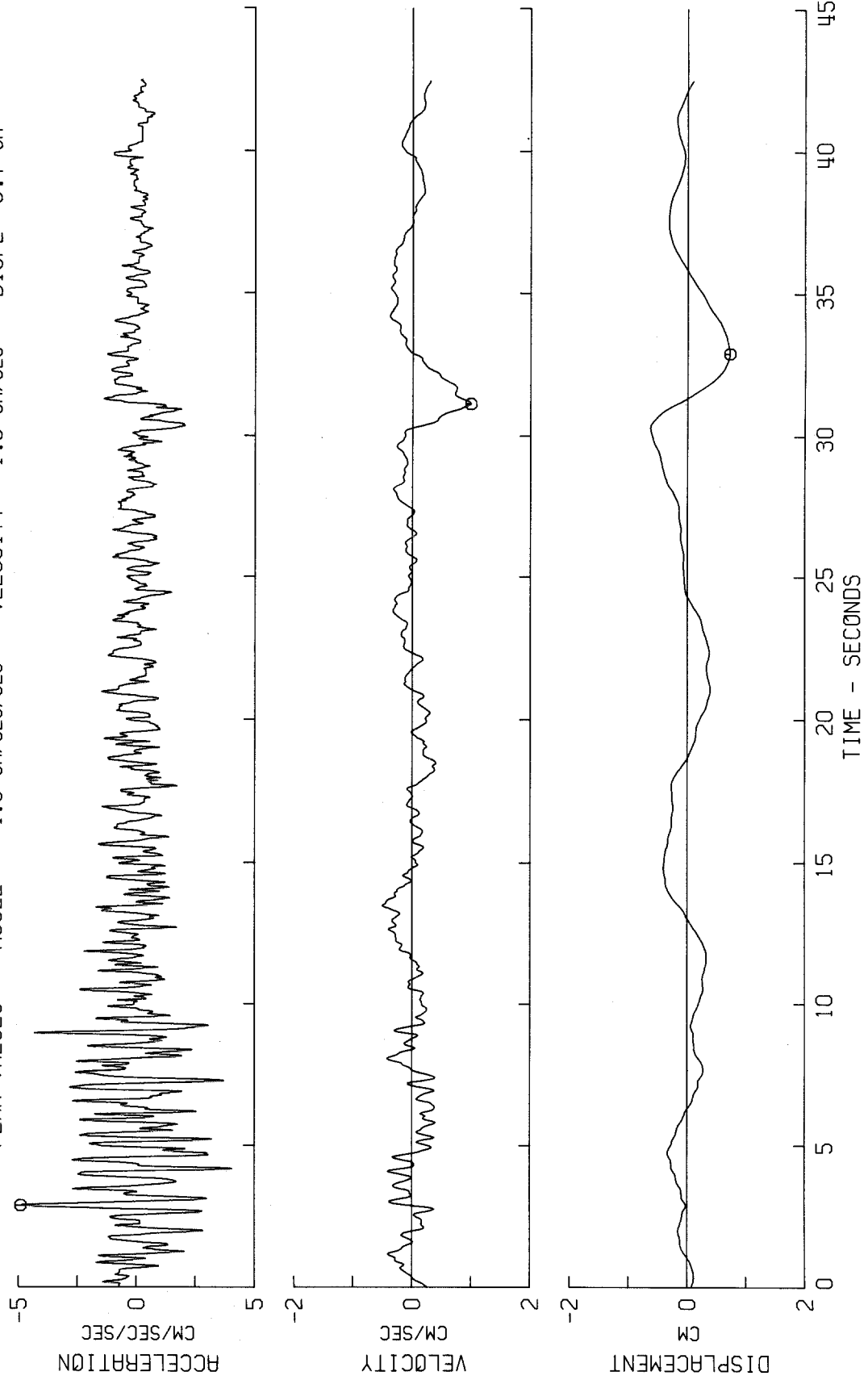
⊙ PEAK VALUES : ACCEL = 7.4 CM/SEC/SEC VELOCITY = -1.3 CM/SEC DISPL = -.5 CM



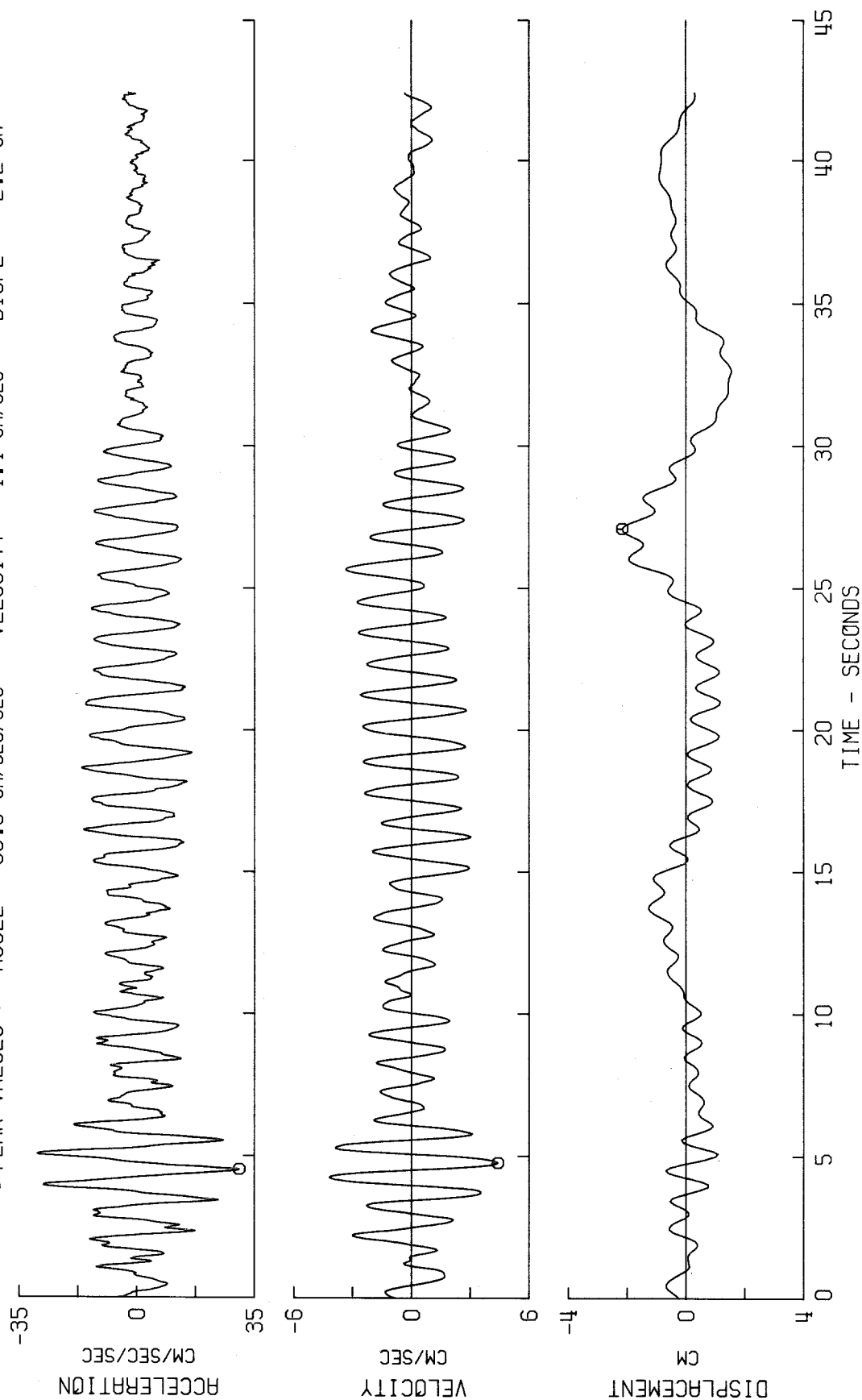
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 IIY373 68.089.0 J.P.L., BSMNT., PASADENA, CAL. COMP S08W
 ○ PEAK VALUES : ACCEL = -7.0 CM/SEC/SEC VELOCITY = -1.3 CM/SEC DISPL = -.8 CM



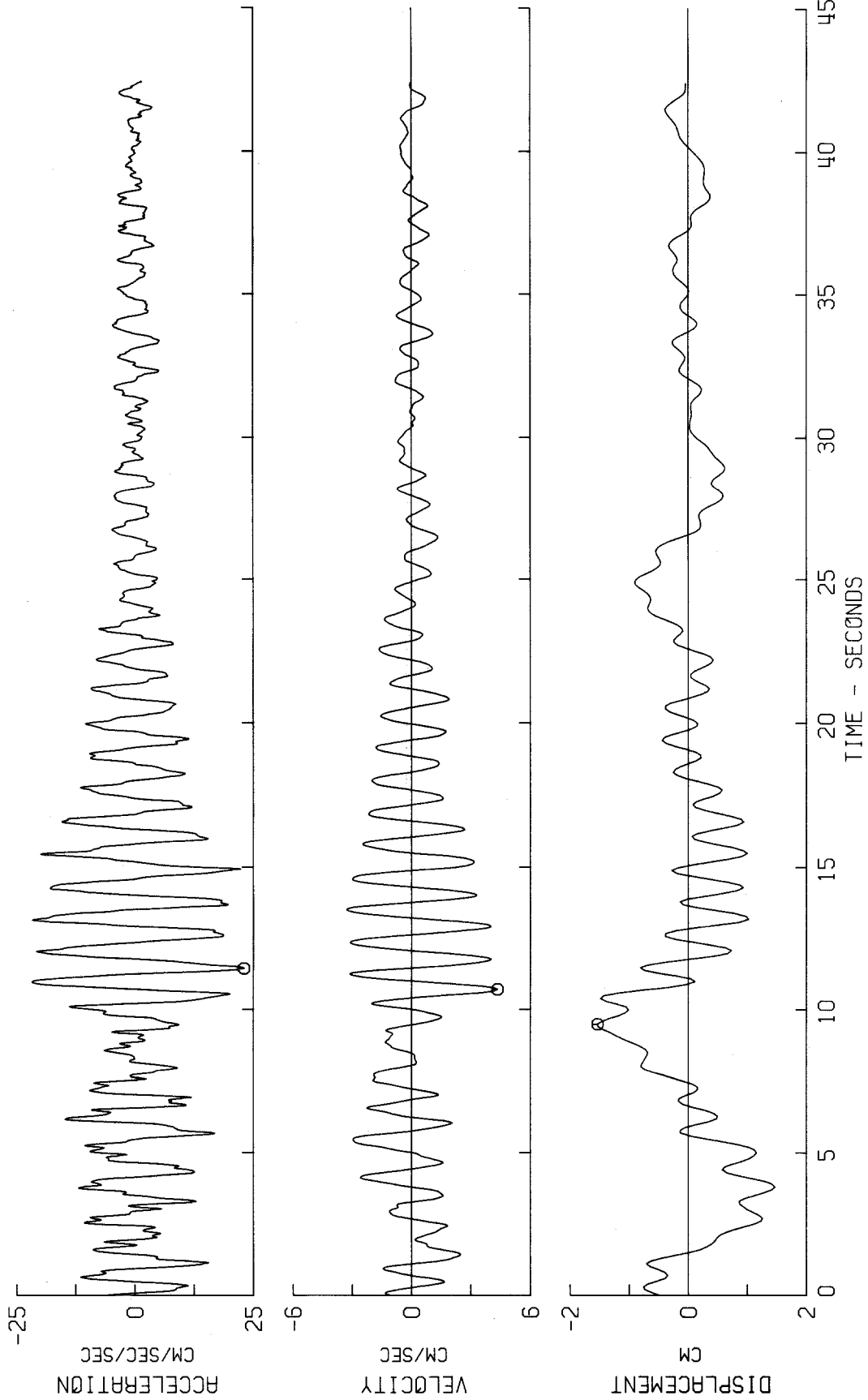
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY373 68.089.0 J.P.L., BSMNT., PASADENA, CAL. COMP DOWN
⊙ PEAK VALUES : ACCEL = -4.9 CM/SEC/SEC VELOCITY = 1.0 CM/SEC DISPL = 0.7 CM



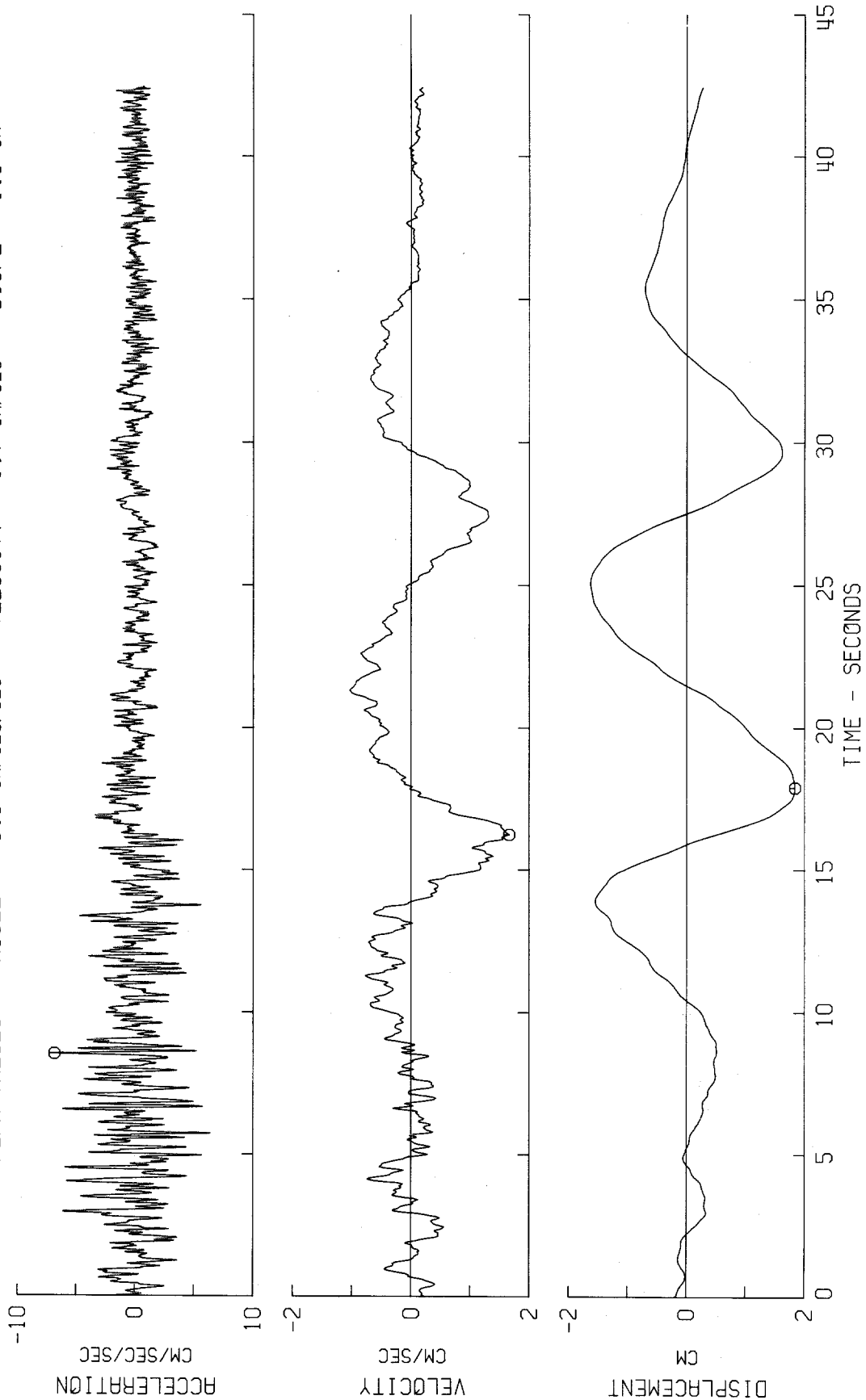
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 IIY374 68.100.0 J.P.L., 9TH FL., PASADENA, CAL. COMP S82E
 ○ PEAK VALUES : ACCEL = 30.5 CM/SEC/SEC VELOCITY = 4.4 CM/SEC DISPL = -2.2 CM



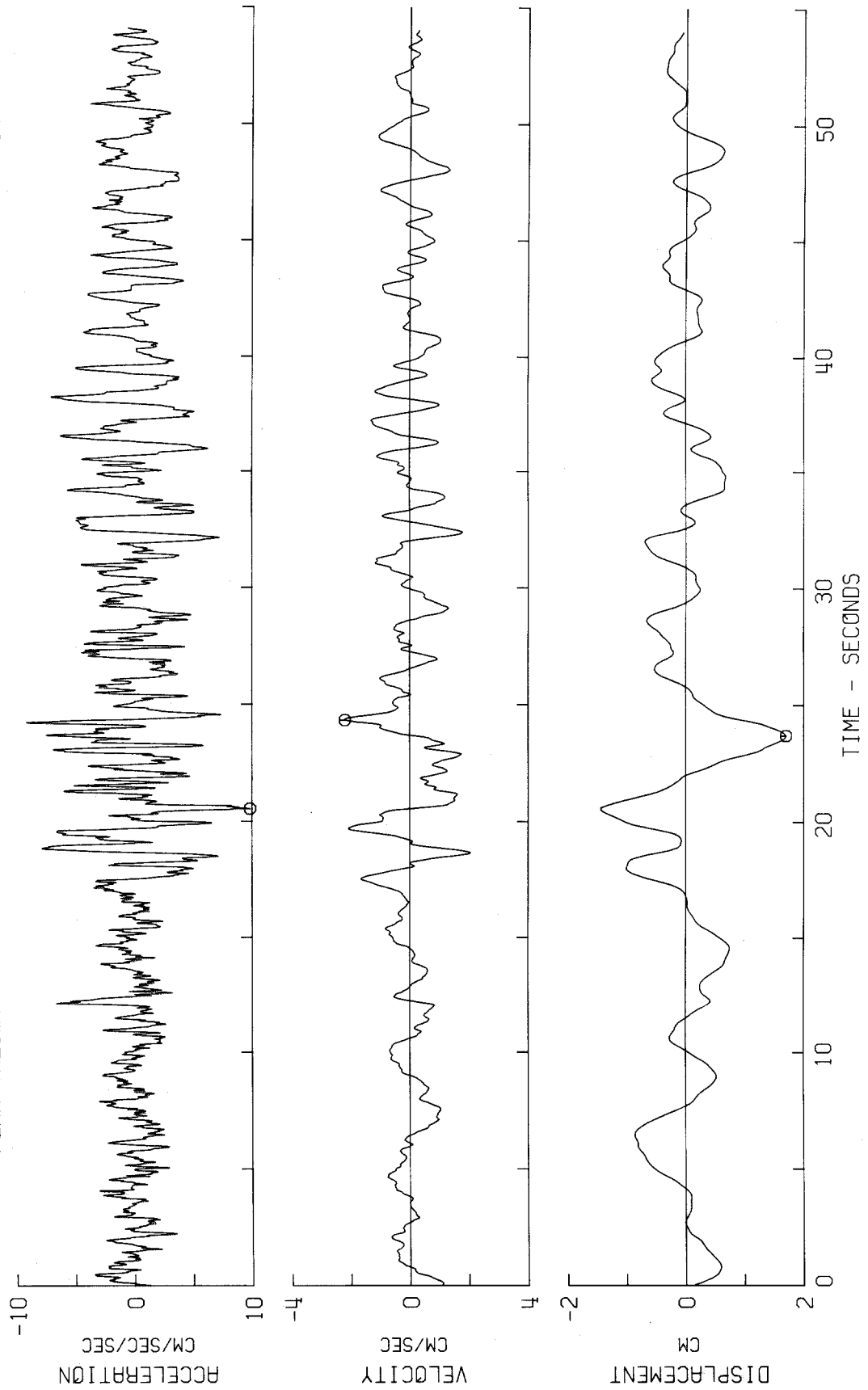
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 I1Y374 68.100.0 J.P.L., 9TH FL., PASADENA, CAL. COMP S08W
 Ø PEAK VALUES : ACCEL = 23.0 CM/SEC/SEC VELOCITY = 4.3 CM/SEC DISPL = -1.5 CM



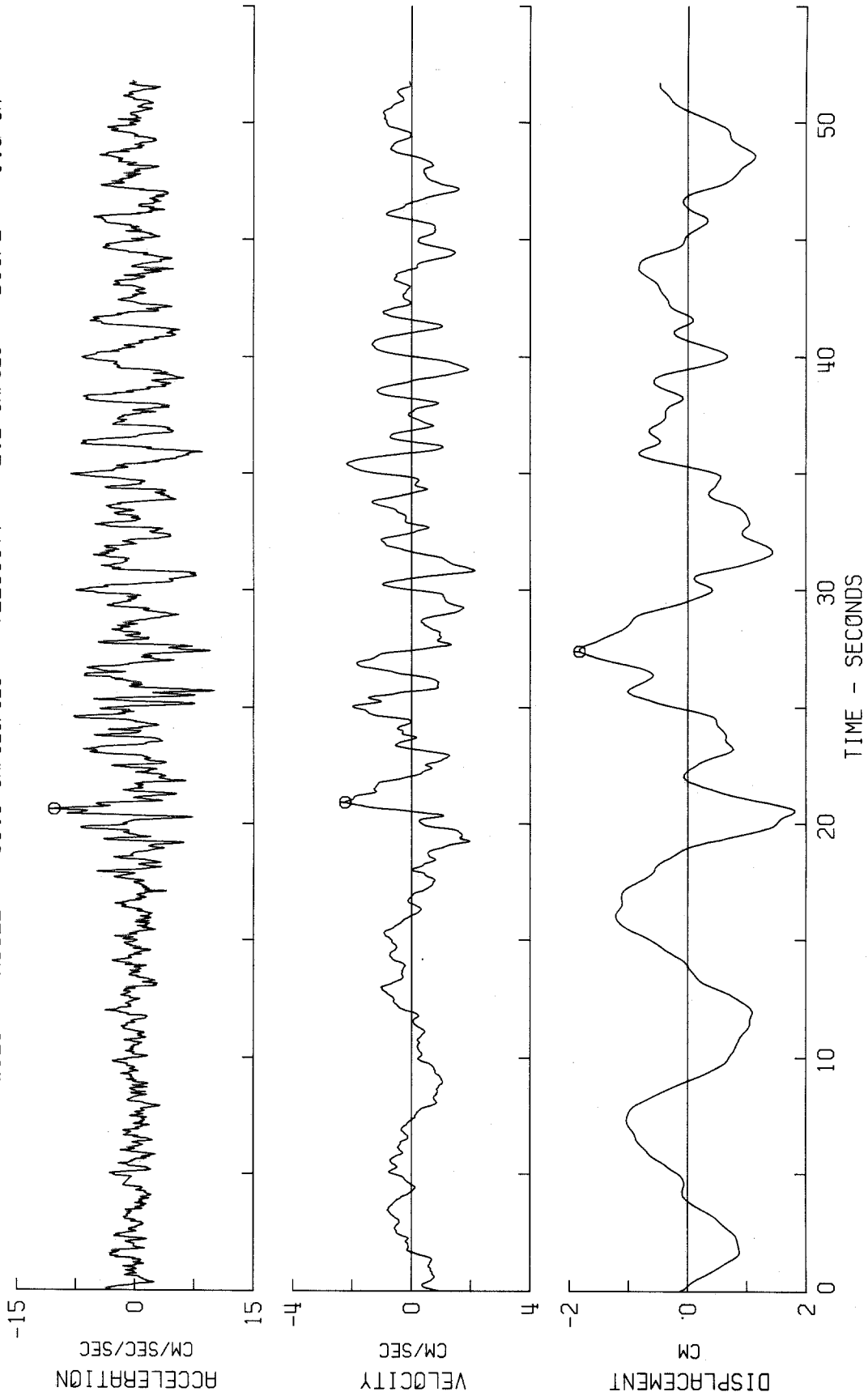
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
I1Y374 68.100.0 J.P.L., 9TH FL., PASADENA, CAL. COMP DOWN
⊙ PEAK VALUES : ACCEL = -6.8 CM/SEC/SEC VELOCITY = 1.7 CM/SEC DISPL = 1.8 CM



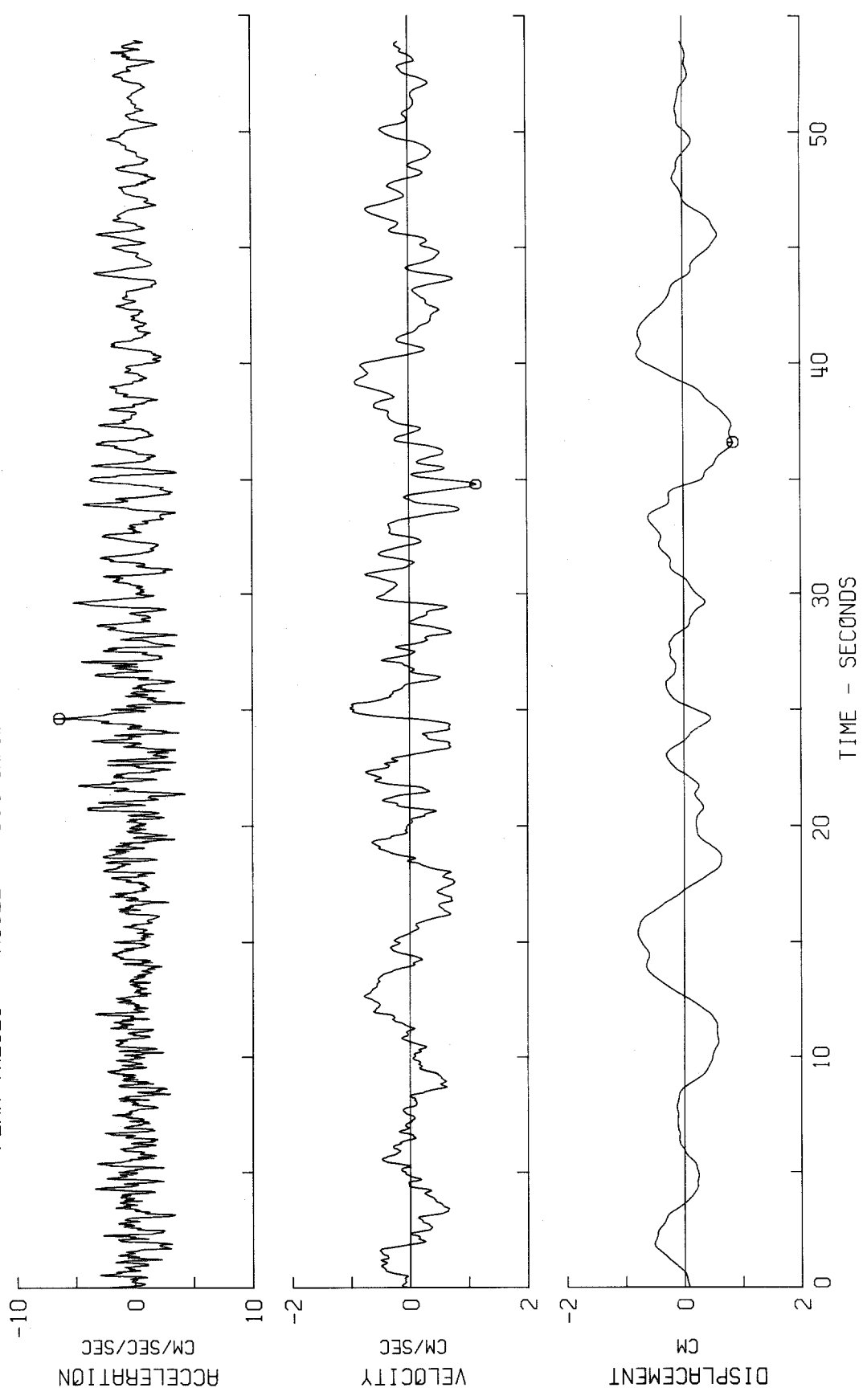
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY375 68.055.0 MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. COMP NORTH
o PEAK VALUES : ACCEL = 9.8 CM/SEC/SEC VELOCITY = -2.2 CM/SEC DISPL = 1.7 CM



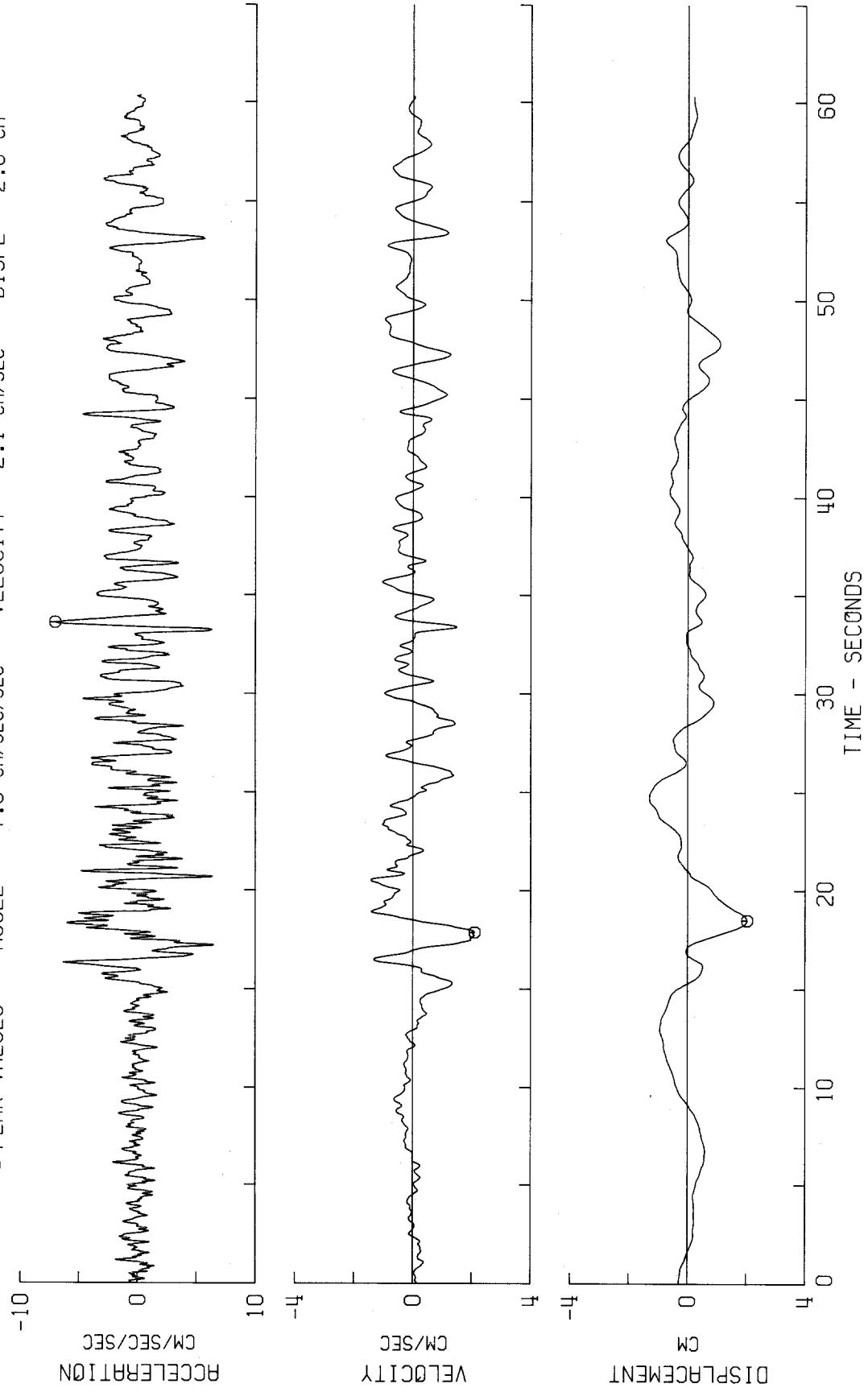
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 IIY375 68.055.0 MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. COMP EAST
 PEAK VALUES : ACCEL = -10.3 CM/SEC/SEC VELOCITY = -2.2 CM/SEC DISPL = -1.8 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 I1Y375 68.055.0 MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. COMP DOWN
 ☉ PEAK VALUES : ACCEL = -6.4 CM/SEC/SEC VELOCITY = 1.1 CM/SEC DISPL = 0.9 CM



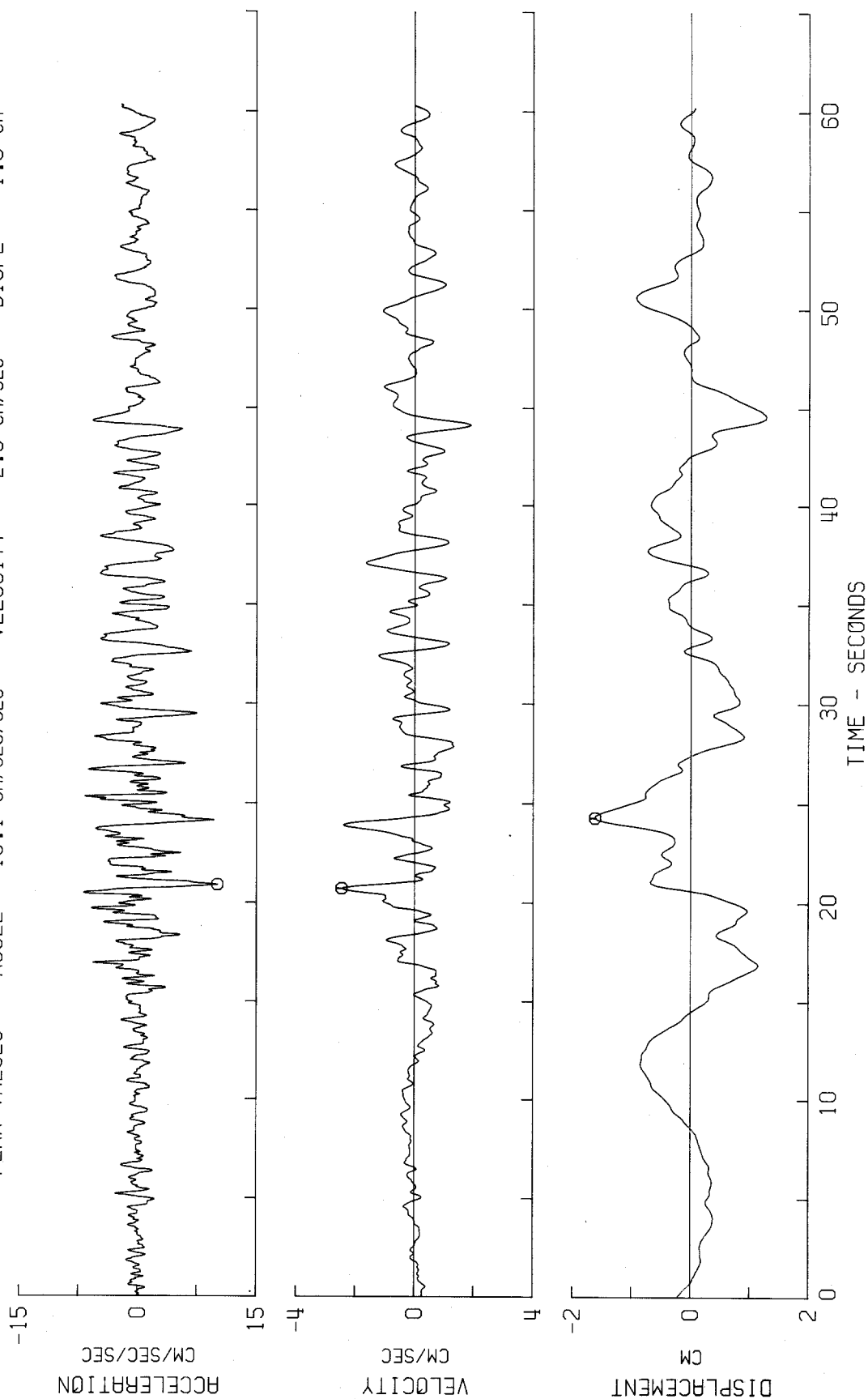
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
I1Y376 68.104.0 PASADENA, CALTECH, ATHENAEUM, CAL. COMP SOUTH
PEAK VALUES : ACCEL = -7.0 CM/SEC/SEC VELOCITY = 2.1 CM/SEC DISPL = 2.0 CM



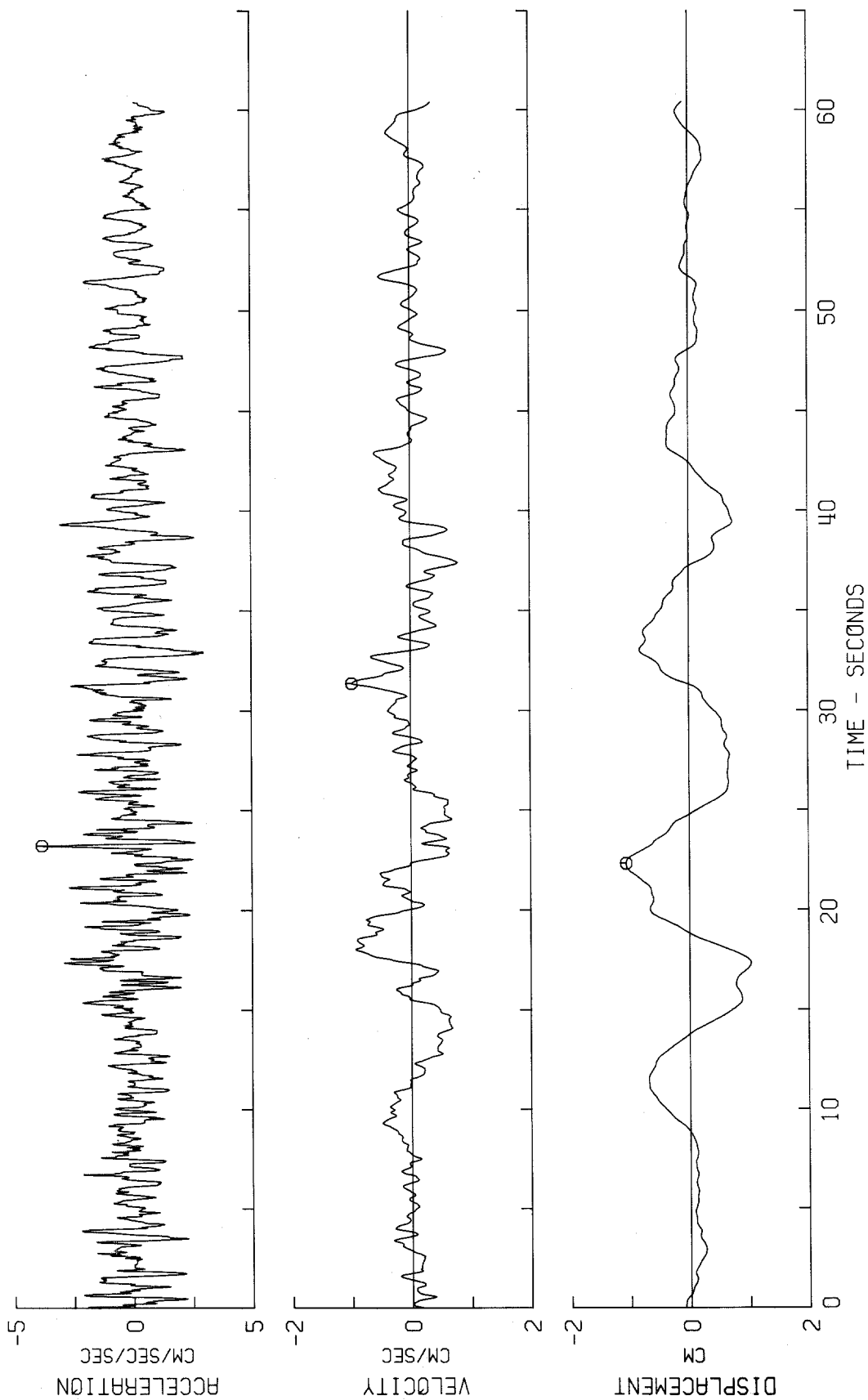
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST

IIY376 68.104.0 PASADENA, CALTECH, ATHENAEUM, CAL. COMP WEST

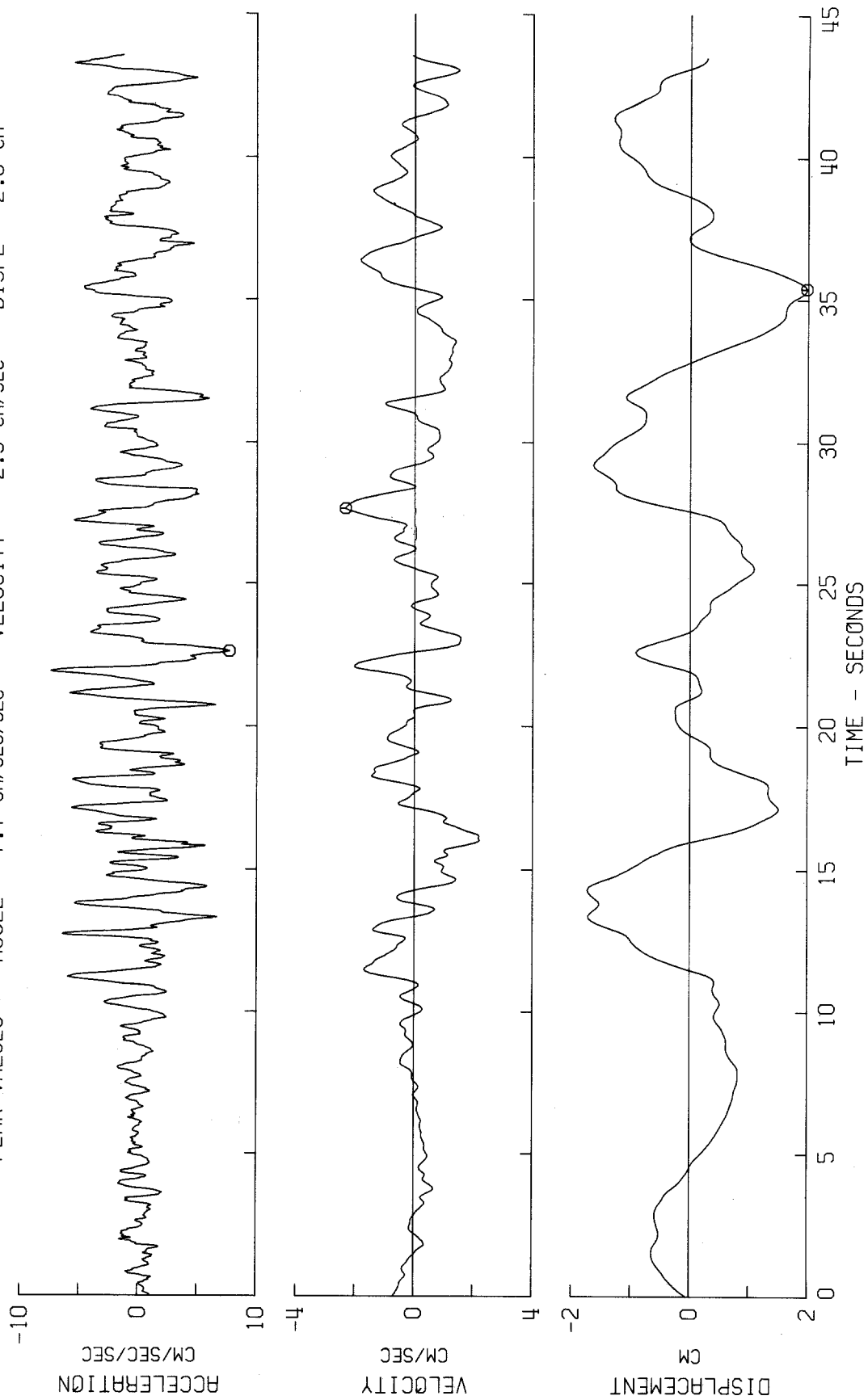
o PEAK VALUES : ACCEL = 10.1 CM/SEC/SEC VELOCITY = -2.5 CM/SEC DISPL = -1.6 CM



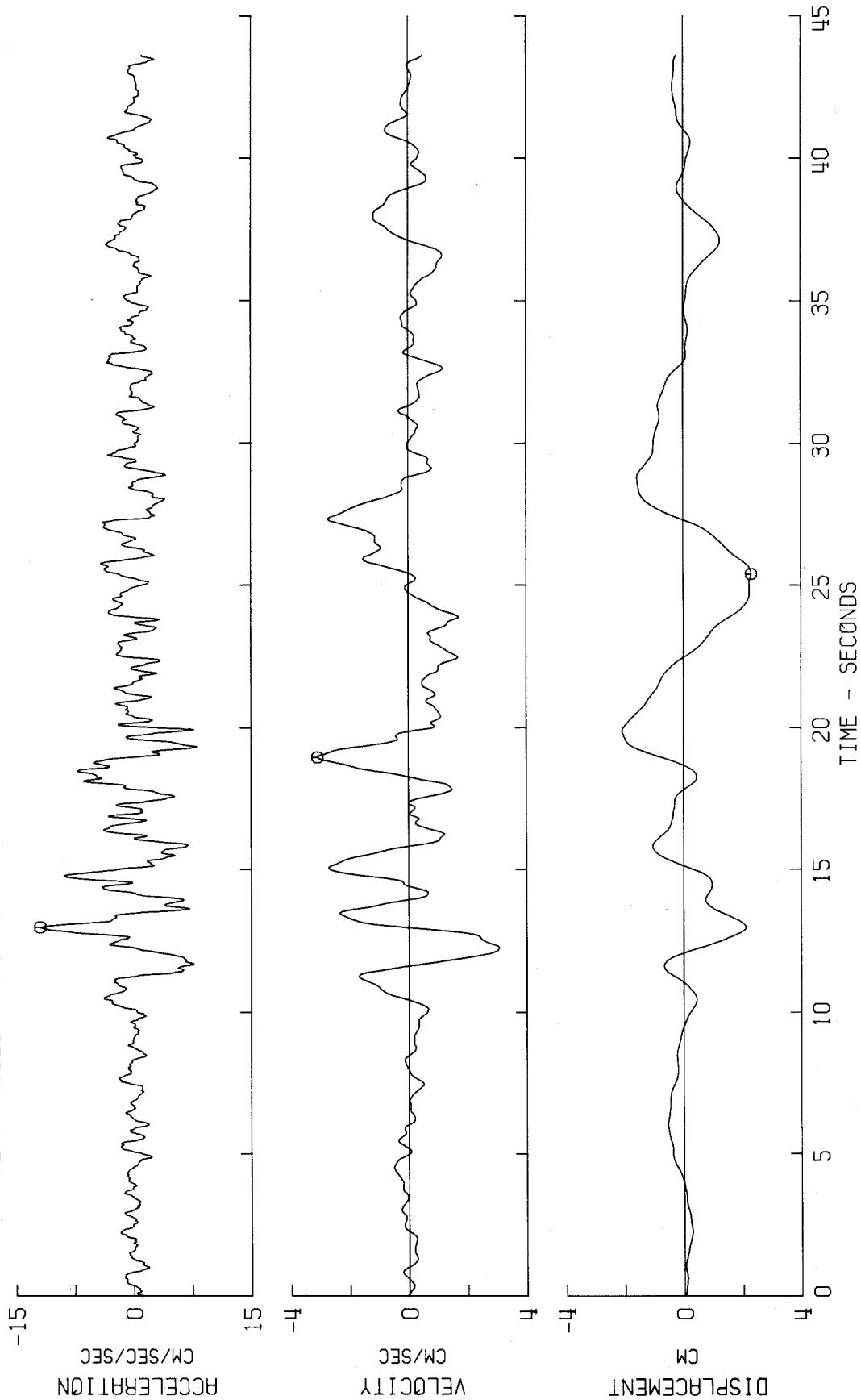
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 I1Y376 68.104.0 PASADENA, CALTECH, ATHENAEUM, CAL. COMP UP
 @ PEAK VALUES : ACCEL = -3.8 CM/SEC/SEC VELOCITY = -1.0 CM/SEC DISPL = -1.1 CM



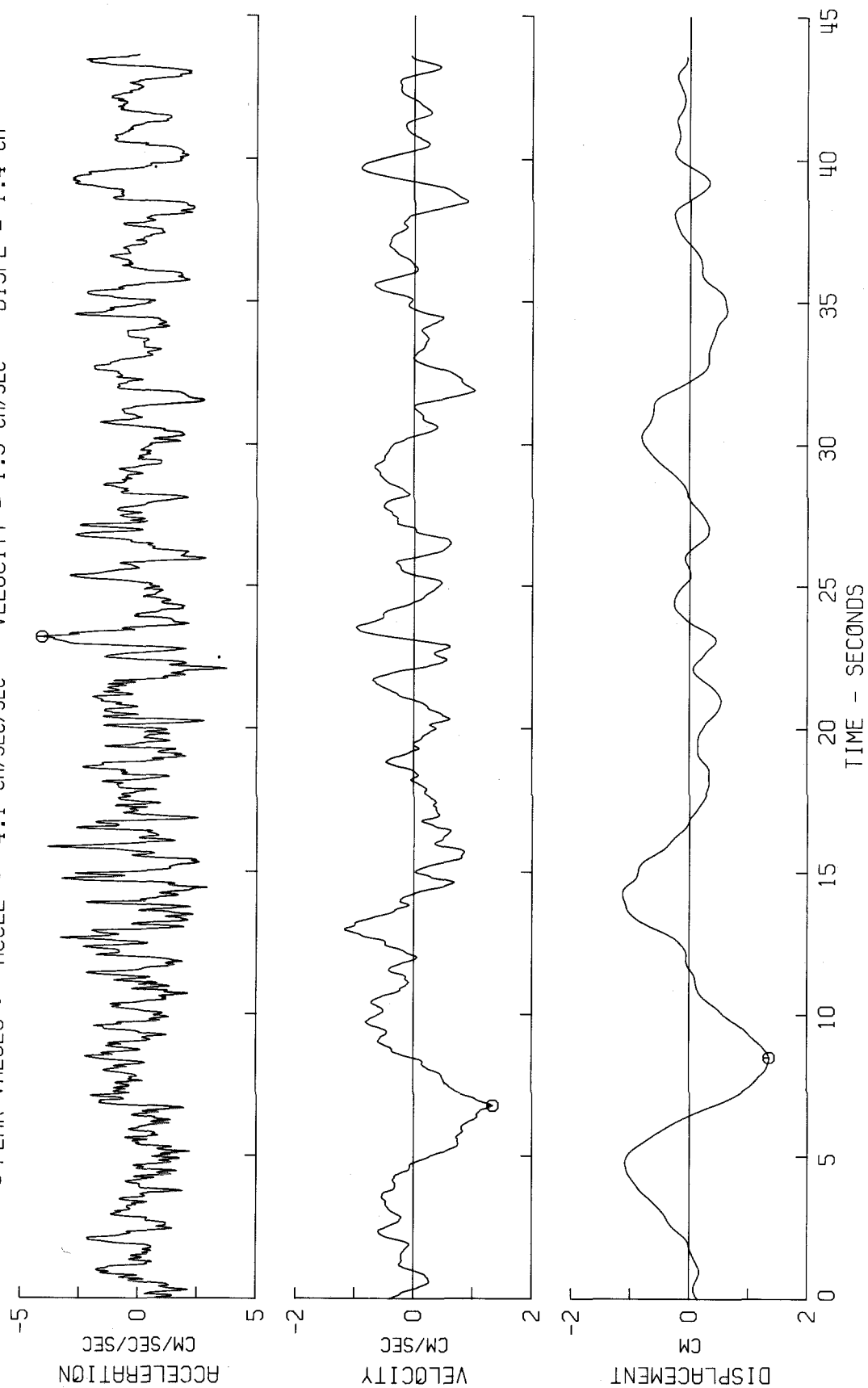
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 I1Y377 68.106.0 S. CALIF. EDISON CO., 601 W. 5TH ST., LOS ANGELES, CAL. COMP N52W
 @ PEAK VALUES : ACCEL = 7.7 CM/SEC/SEC VELOCITY = -2.3 CM/SEC DISPL = 2.0 CM



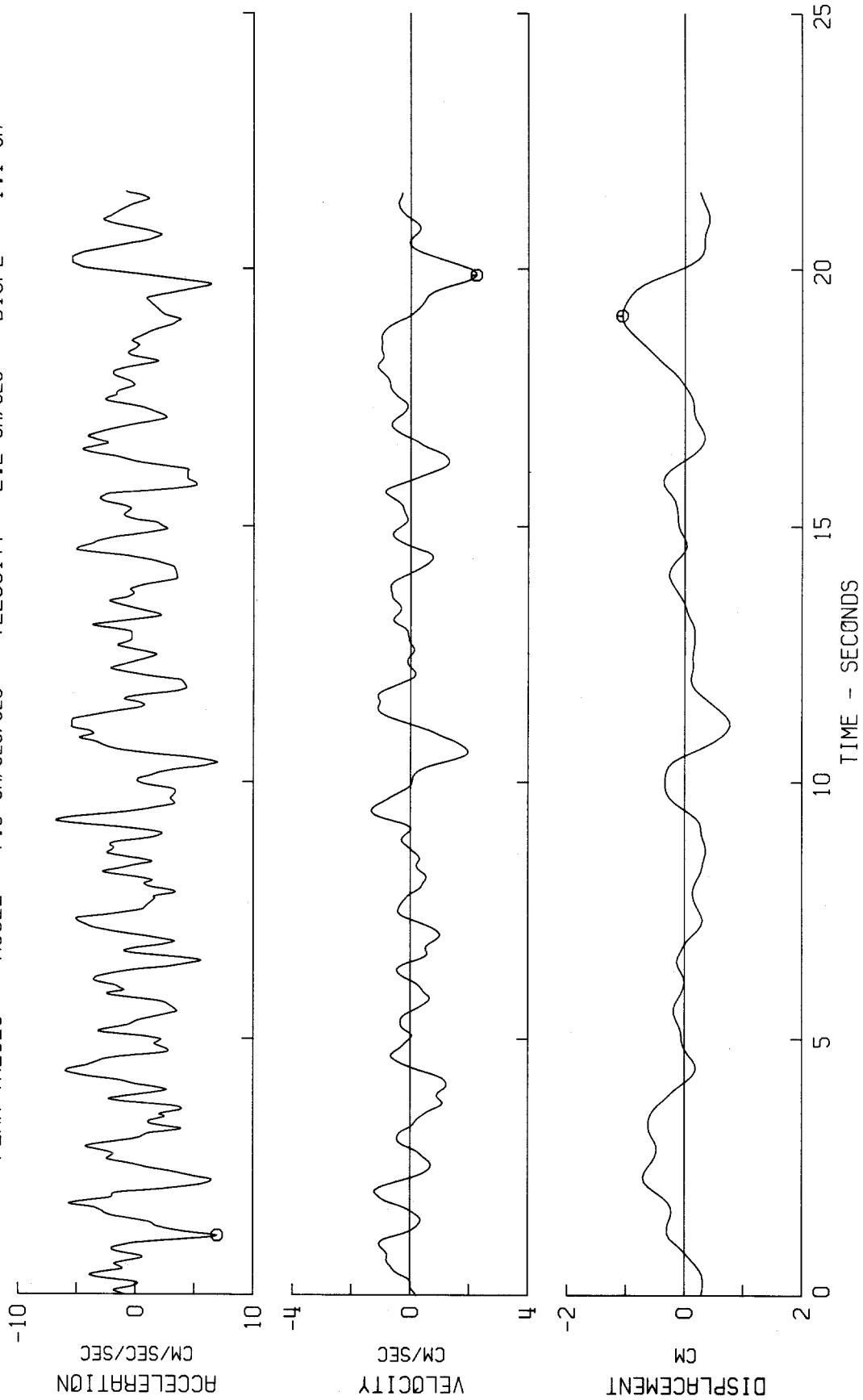
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
I1Y377 68.106.0 S. CALIF. EDISON CO., 601 W. 5TH ST., LOS ANGELES, CAL. COMP S38W
⊙ PEAK VALUES : ACCEL = -11.9 CM/SEC/SEC VELOCITY = -3.1 CM/SEC DISPL = 2.3 CM



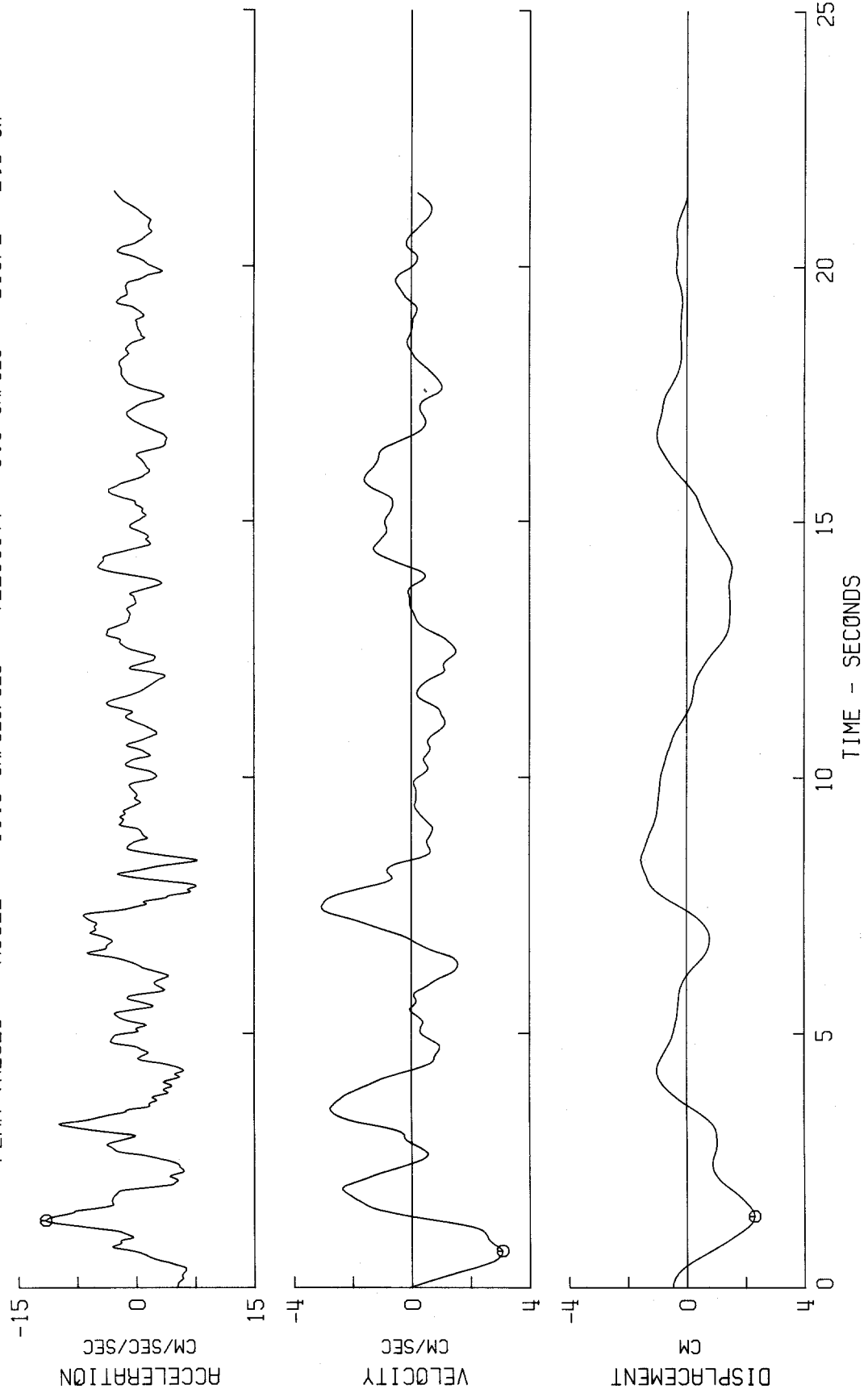
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 IIV377 68.106.0 S. CALIF. EDISON CO., 601 W. 5TH ST., LOS ANGELES, CAL. COMP UP
 ○ PEAK VALUES : ACCEL = -4.1 CM/SEC/SEC VELOCITY = 1.3 CM/SEC DISPL = 1.4 CM



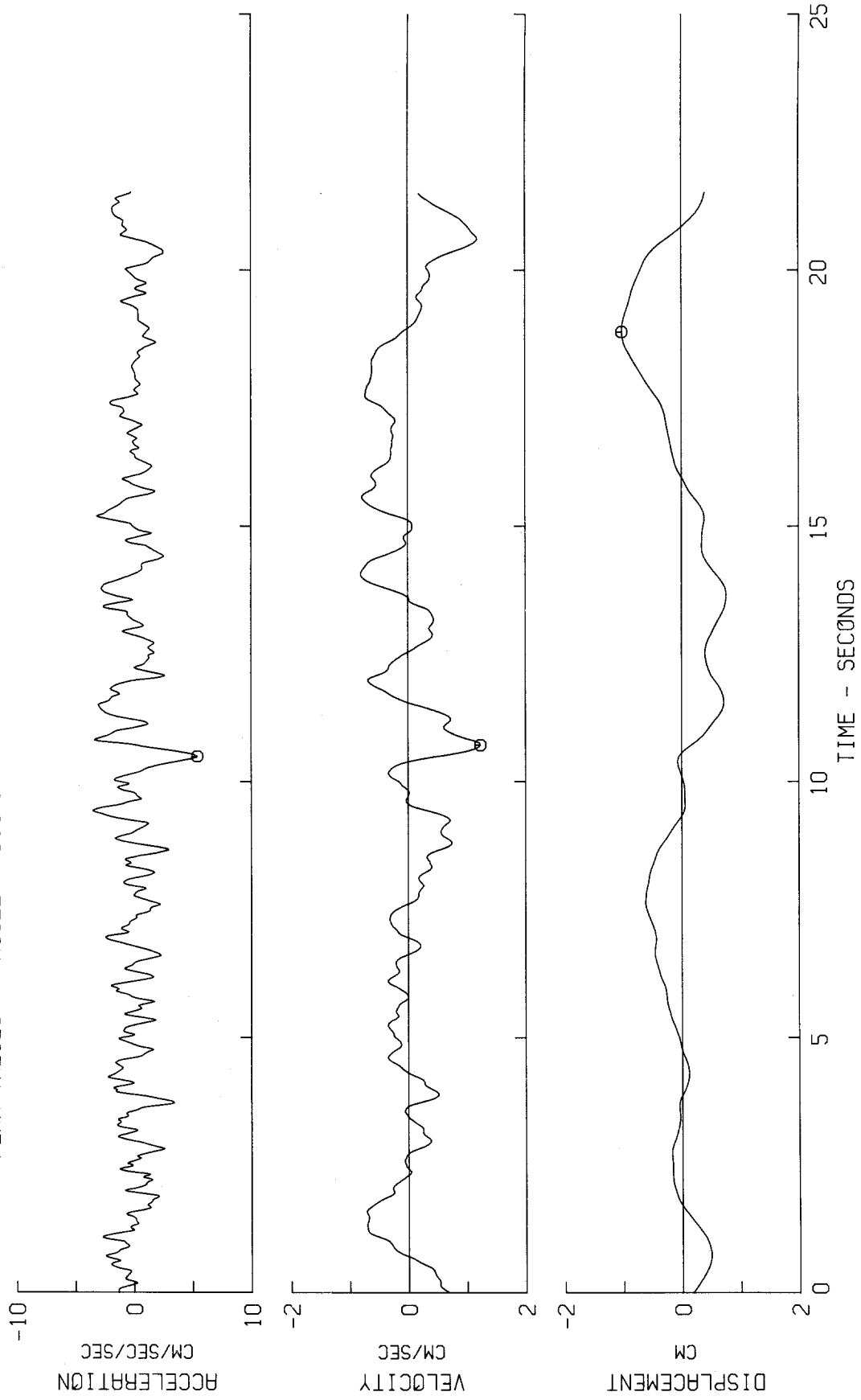
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY378 68.072.0 SUBWAY TERMINAL, BSMNT., LOS ANGELES, CAL. COMP S52E
⊙ PEAK VALUES : ACCEL = 7.0 CM/SEC/SEC VELOCITY = 2.2 CM/SEC DISPL = -1.1 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY378 68.072.0 SUBWAY TERMINAL, BSMNT., LOS ANGELES, CAL. COMP S38W
Ø PEAK VALUES : ACCEL = -11.5 CM/SEC/SEC VELOCITY = 3.1 CM/SEC DISPL = 2.3 CM



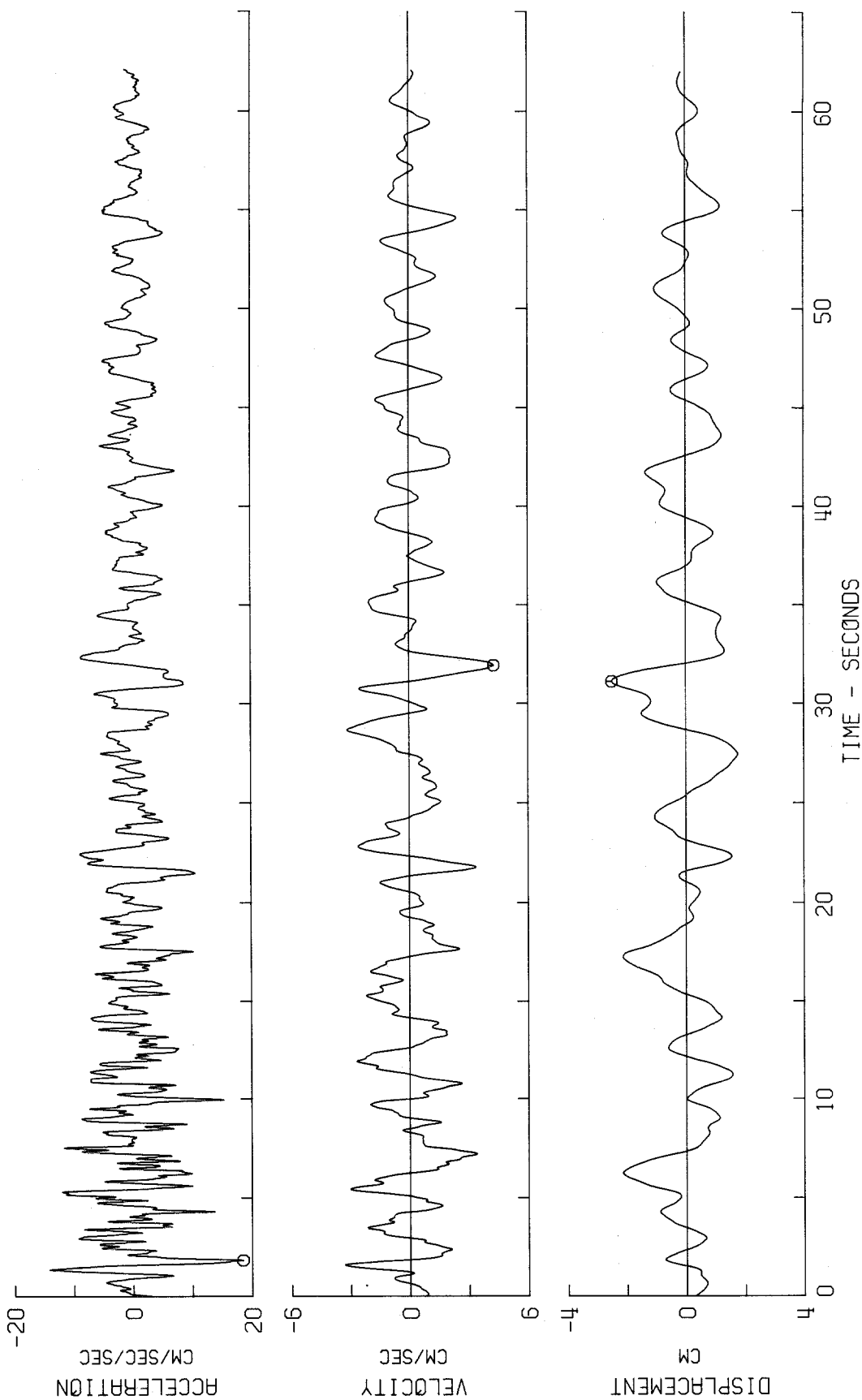
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
11Y378 68.072.0 SUBWAY TERMINAL, BSMNT., LOS ANGELES, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = 5.4 CM/SEC/SEC VELOCITY = 1.2 CM/SEC DISPL = -1.0 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST

IIY379 68.026.0 CMD BLDG., VERNON, CAL. COMP N83W

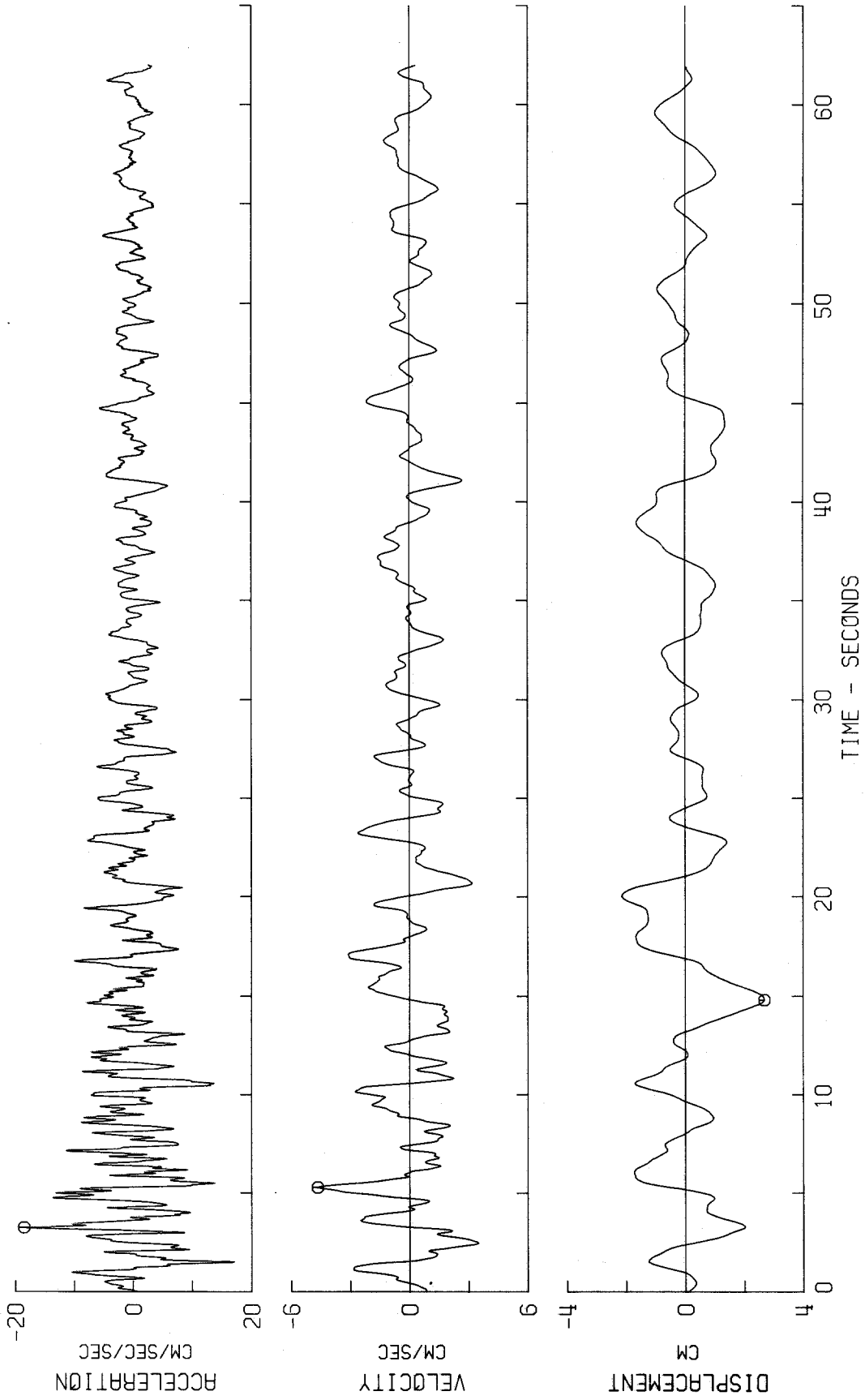
PEAK VALUES : ACCEL = 18.5 CM/SEC/SEC VELOCITY = 4.3 CM/SEC DISPL = -2.5 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST

IIY379 68.026.0 CMD BLDG., VERNON, CAL. COMP S07W

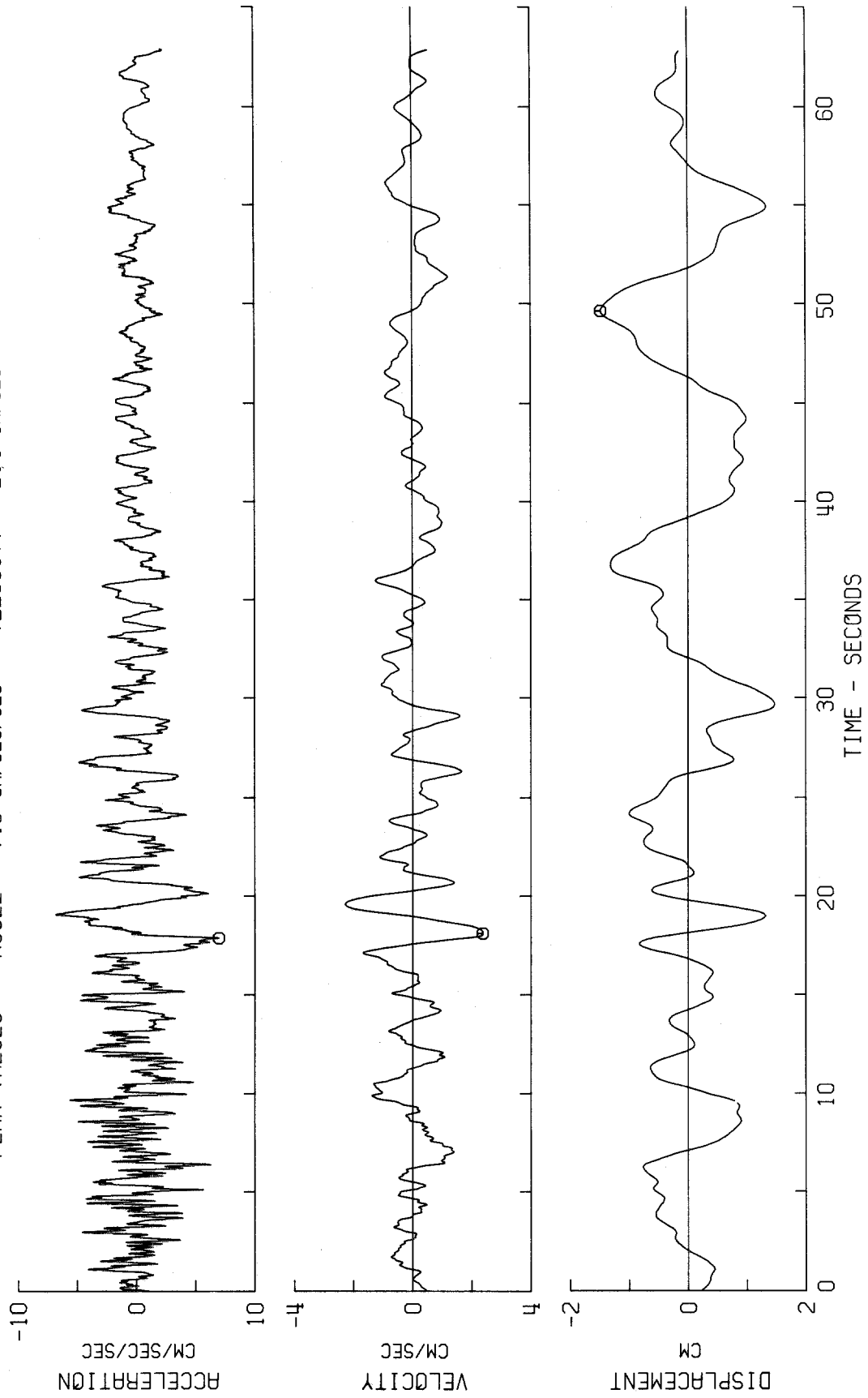
PEAK VALUES : ACCEL = -18.5 CM/SEC/SEC VELOCITY = -4.7 CM/SEC DISPL = 2.7 CM



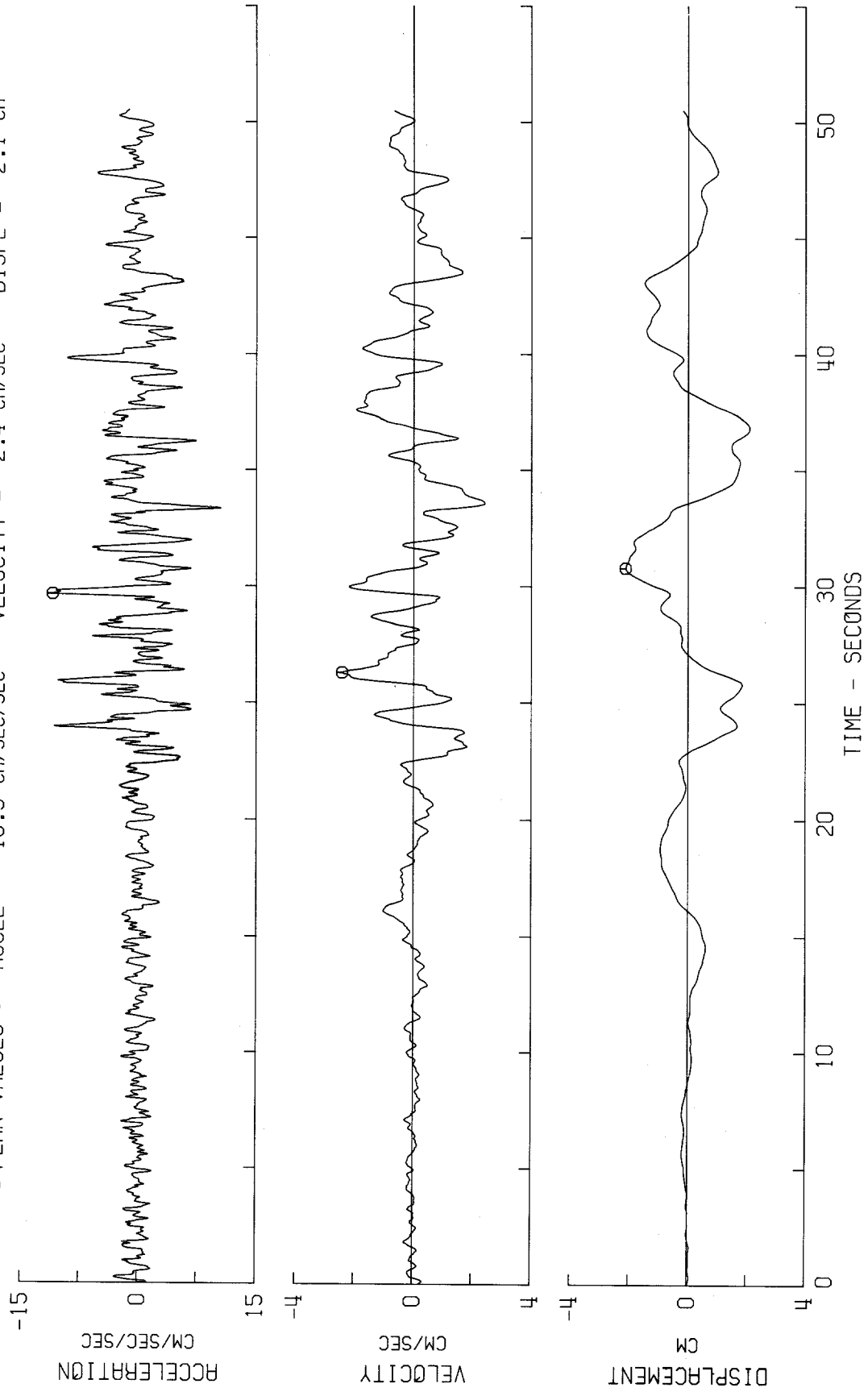
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST

IIY379 68.026.0 CMD BLDG., VERNON, CAL. COMP UP

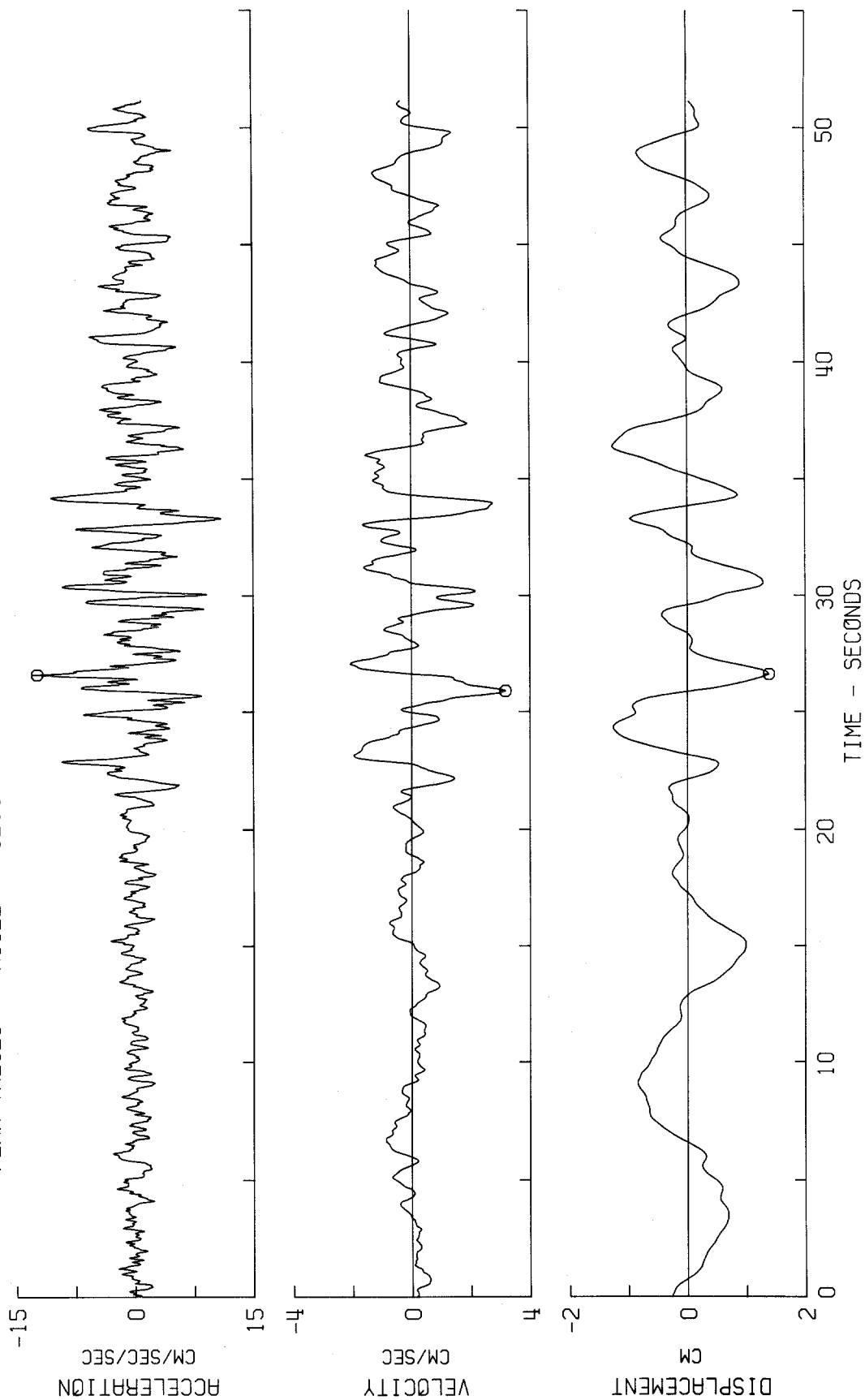
PEAK VALUES : ACCEL = 7.0 CM/SEC/SEC VELOCITY = 2.4 CM/SEC DISPL = -1.5 CM



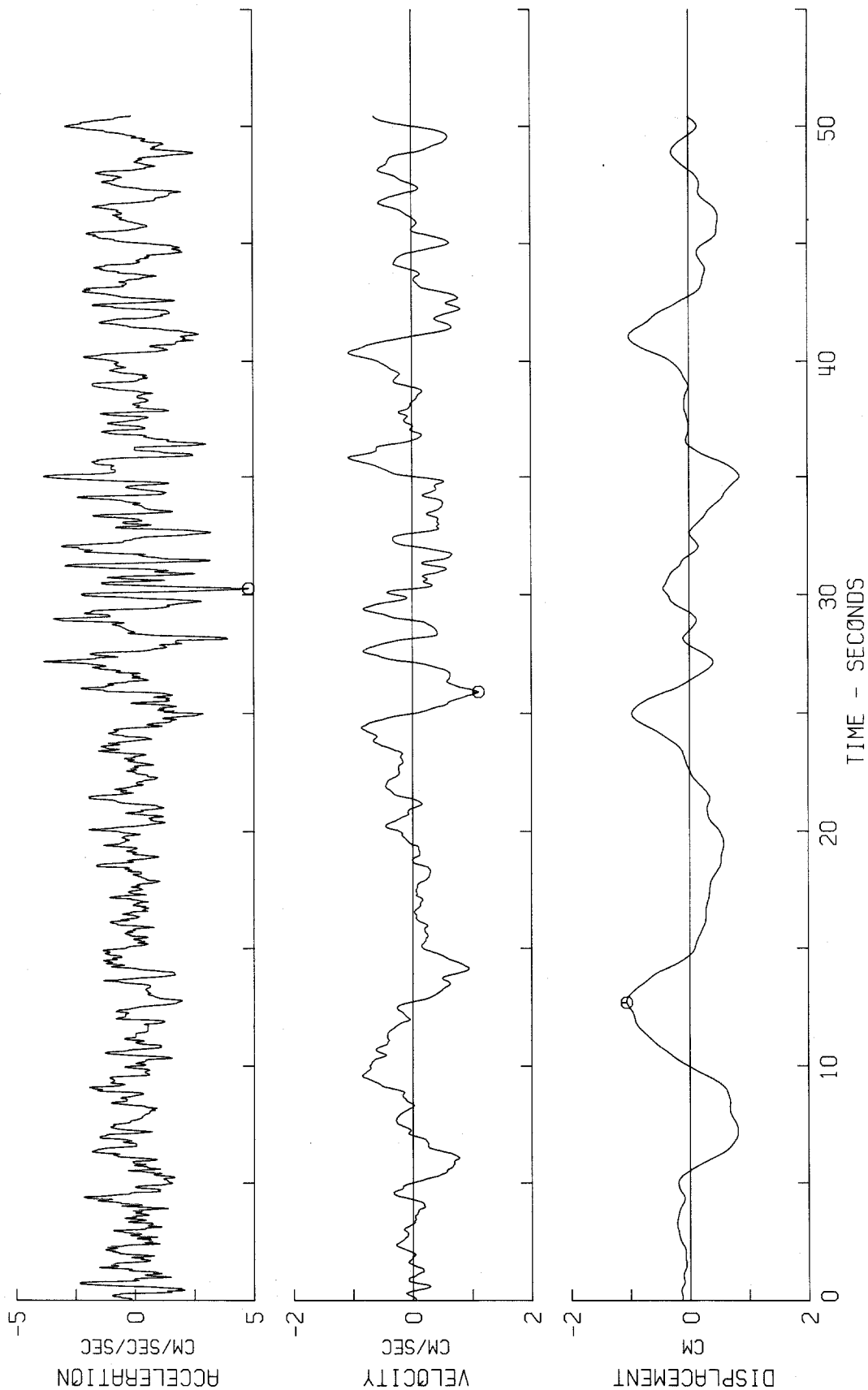
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IYY380 68.071.0 HOLLYWOOD STORAGE, P.E. LOT, LOS ANGELES, CAL. COMP SOUTH
⊙ PEAK VALUES : ACCEL = -10.9 CM/SEC/SEC VELOCITY = -2.4 CM/SEC DISPL = -2.1 CM



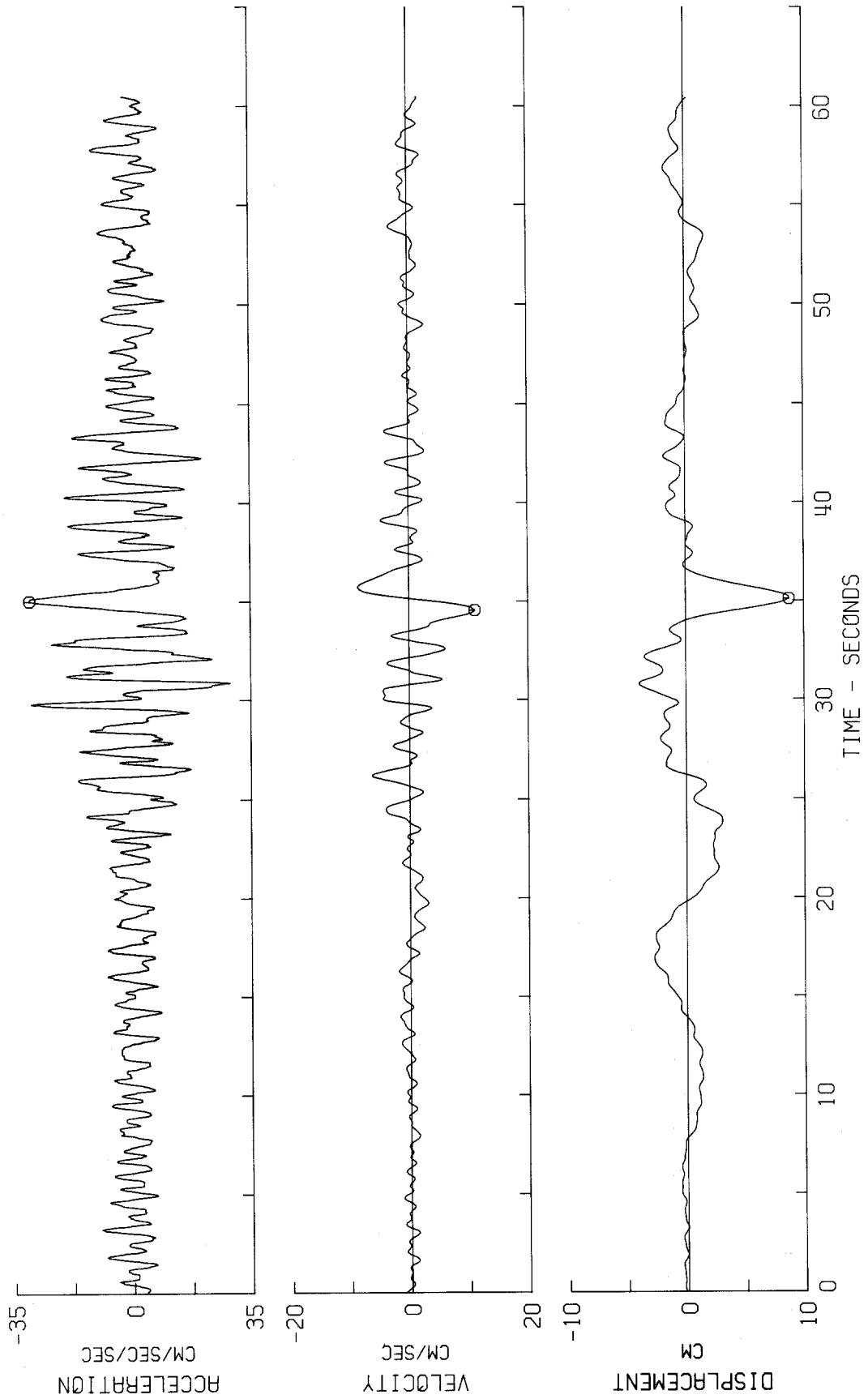
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY380 68.071.0 HOLLYWOOD STORAGE, P.E. LOT, LOS ANGELES, CAL. COMP EAST
Ø PEAK VALUES : ACCEL = -12.4 CM/SEC/SEC VELOCITY = 3.2 CM/SEC DISPL = 1.4 CM



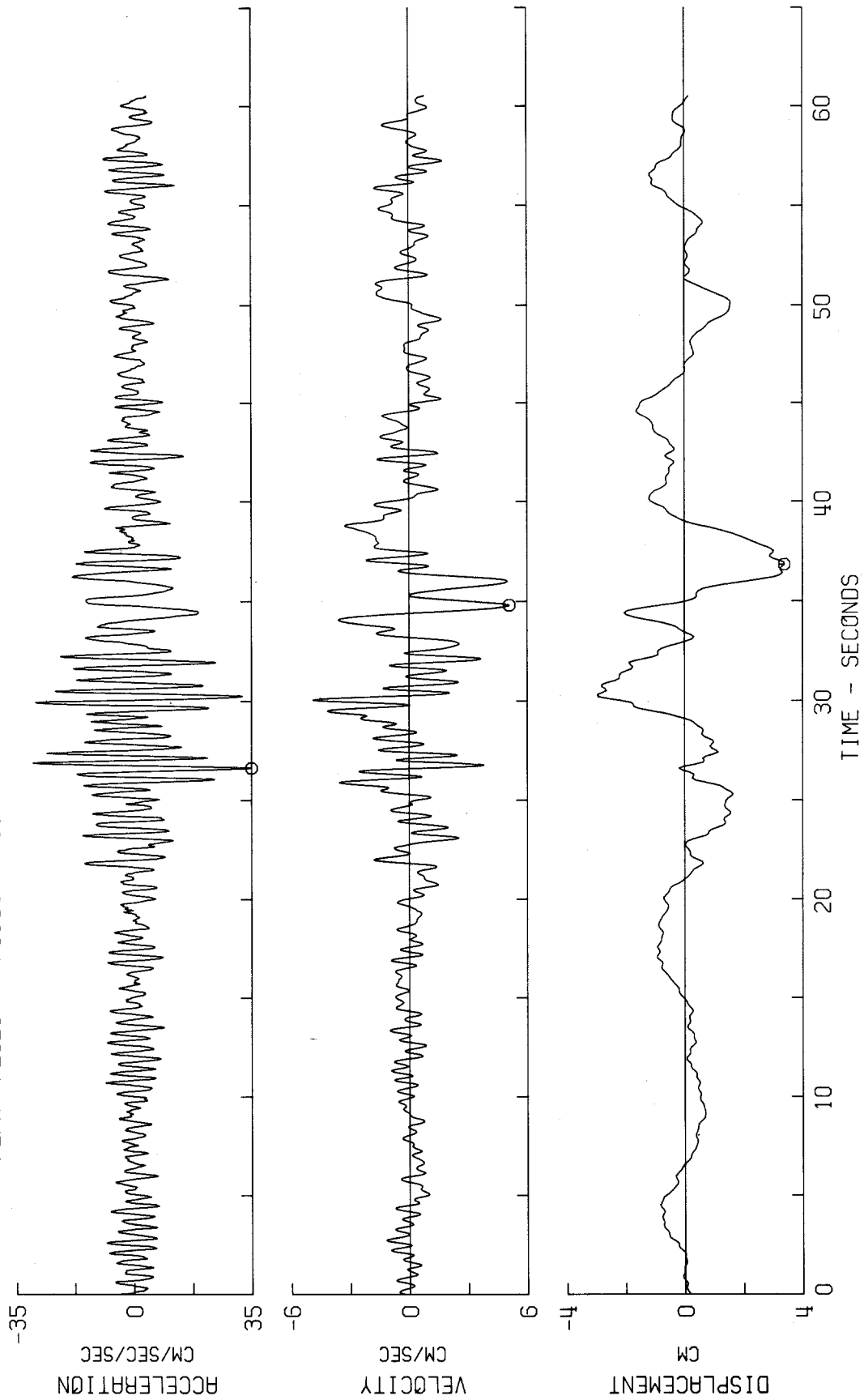
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
 ILY380 68.071.0 HOLLYWOOD STORAGE, P.E. LOT, LOS ANGELES, CAL. COMP UP
 ○ PEAK VALUES : ACCEL = 4.8 CM/SEC/SEC VELOCITY = 1.1 CM/SEC DISPL = -1.1 CM



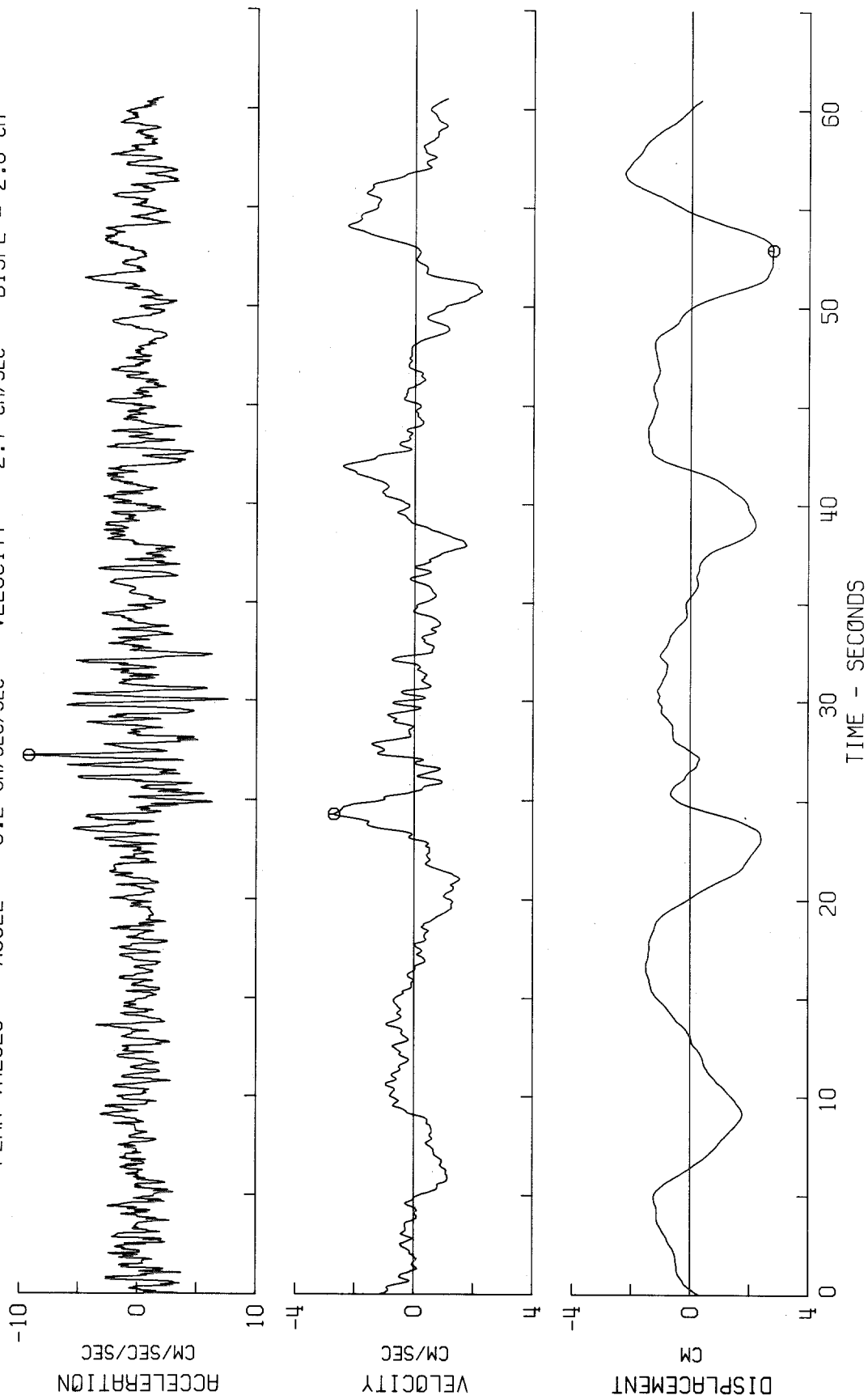
BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
11Y381 68.025.0 HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. COMP SOUTH
o PEAK VALUES : ACCEL = -30.1 CM/SEC/SEC VELOCITY = 11.1 CM/SEC DISPL = 8.8 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY381 68.025.0 HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. COMP WEST
⊙ PEAK VALUES : ACCEL = 35.0 CM/SEC/SEC VELOCITY = 5.1 CM/SEC DISPL = 3.4 CM



BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST
IIY381 68.025.0 HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. COMP UP
⊙ PEAK VALUES : ACCEL = -9.2 CM/SEC/SEC VELOCITY = -2.7 CM/SEC DISPL = 2.8 CM



IIW334 70.002.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
STATION NO. 290 6074 PARK DR., WRIGHTWOOD, CAL.
INSTR PERIOD = 0.048 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 34 16 12N, 117 32 24W
COMP S65E 34 21 40N, 117 37 58W
0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 139.0 CM/SEC/SEC AT 1.96 SEC VELO = -8.9 CM/SEC AT 1.74 SEC DISP = -2.2 CM AT 1.96 SEC

INITIAL VELO = -0.16449 CM/SEC INITIAL DISP = 0.75066 CM
837 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-53	-133	-392	-584	-579	-457	-154	217	597	863	671	150	-444	-821	-722	-389	-37	191	165	206
576	806	842	630	217	-178	-340	-482	-712	-546	-127	145	-16	-375	-296	308	912	1046	691	-36
-493	-593	-783	-744	-323	-130	-201	-79	183	345	436	685	881	348	-310	-265	-133	-420	-736	-441
256	458	203	60	-101	-71	271	529	434	179	259	561	787	768	572	9	-509	-599	-488	-503
-854	-1137	-1092	-866	-792	-814	-524	63	138	69	228	358	68	-250	-9	548	994	1275	1390	1075
663	579	668	630	40	-680	-814	-683	-506	-340	-531	-596	-192	72	-185	-383	-96	323	634	652
459	117	-119	28	106	-175	-543	-510	-351	-306	-227	-137	-81	-24	-67	-224	-352	-302	-94	107
220	339	500	488	301	155	154	135	198	359	406	331	137	-59	-62	-52	-138	-212	-142	-133
-186	-144	-117	-130	-104	-99	-142	-223	-250	-184	-154	-64	55	53	42	27	5	-66	-133	-92
31	202	286	257	283	270	185	72	63	104	107	94	96	88	45	-40	-143	-183	-161	-113
-53	-40	-63	-69	-51	-57	-95	-63	-82	-177	-144	-74	-66	-46	-16	2	20	53	66	100
153	154	174	166	89	68	94	71	32	-3	-20	-66	-101	-96	-68	-74	-49	12	71	99
85	84	101	50	-9	-58	-78	-43	0	34	18	-18	-9	-4	-5	-18	-28	14	56	41
32	33	-8	-31	-11	14	-2	-12	15	9	-7	-18	-50	-35	15	92	141	131	71	-7
-32	-28	-70	-134	-184	-205	-200	-182	-168	-130	-82	-50	-32	27	38	17	44	80	99	125
150	167	137	75	49	64	59	43	33	44	48	20	11	20	8	-46	-43	-27	-51	-50
-5	-9	-6	-28	-59	-65	-48	-45	-26	-8	-41	-45	-17	10	31	47	49	22	-37	-40
-15	-32	-39	-4	11	25	31	9	4	26	-18	-64	-34	51	74	28	10	4	26	42
26	37	59	56	33	9	-26	-51	-52	-36	-47	-23	-13	-51	-46	-28	-49	-50	1	45
23	-12	-6	-16	-60	-64	-56	-52	-14	7	3	31	49	33	52	62	58	59	59	-8
-97	-135	-103	-82	-99	-119	-130	-119	-108	-97	-46	25	56	62	78	101	101	82	67	63
45	42	21	-20	-25	11	64	50	14	-12	-23	-40	-58	-36	8	23	4	21	13	-3
12	26	9	-35	-87	-113	-85	-60	-31	25	59	23	0	-2	5	-10	-1	34	27	31
54	47	24	23	15	-40	-61	-38	-30	-43	-30	14	37	18	14	20	8	-11	-21	-4
16	8	-13	-24	-29	-36	-73	-81	-45	-6	4	3	-4	-2	18	25	30	47	54	36
2	-16	-1	-15	-51	-54	-61	-73	-53	-16	-9	-28	-39	-35	-16	2	-6	-18	-15	-6
-22	-35	-19	16	38	23	7	15	23	33	49	49	47	36	23	10	2	27	48	23
25	43	32	-8	-21	-10	-2	-9	1	-5	-18	-26	-20	-6	3	-2	-16	-40	-17	0
11	-1	11	-3	-14	14	32	17	1	0	-6	-3	5	14	10	18	28	11	10	22
13	30	45	43	35	23	7	6	31	23	-11	-9	28	37	14	-10	-2	4	7	-5
-26	-16	6	34	48	33	27	21	-5	-35	-73	-75	-47	-23	-30	-47	-41	-29	-25	-26
-21	0	12	8	-8	-14	-9	-14	10	34	36	45	41	7	-11	-6	14	49	59	34
19	-1	-21	-24	0	24	13	-12	-29	-29	-24	-14	0	10	9	3	1	6	6	12
5	25	41	20	-23	-55	-44	-10	11	8	13	24	-6	-43	-58	-36	32	60	56	15
1	28	19	9	43	70	81	79	57	32	29	12	-21	-16	1	-18	-29	-15	-25	-21
16	35	17	23	37	5	-49	-40	14	40	29	19	31	47	41	5	-38	-29	3	-4
3	42	45	-6	-22	3	-2	-17	-33	-38	-27	-31	-50	-24	-3	-16	-31	-9	-1	-21
-25	-20	-6	12	15	-16	-21	9	39	37	13	9	23	22	-30	-60	-15	6	-6	-11
-24	-6	28	12	-7	9	-2	18	-11	-18	-2	4	2	-4	-22	-40	-35	-20	-41	-40
-28	-23	-16	-13	-3	-4	-36	-45	-10	31	47	18	-19	-15	-15	-5	30	34	-7	-21
-10	-32	-48	-15	4	-22	-37	-22	-18	-32	-30	-23	-15	0	7	3	-14	-35	-42	-33
-9	10	-2	-17	-16	-26	-34	-13	15	18	7	-2	6	14	7	-11	-10			

IIW334 70.002.0 STATION NO. 290
 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 6074 PARK DR., WRIGHTWOOD, CAL.
 DAMPING = 0.591
 INSTR PERIOD = 0.048 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER - 34 16 12N, 117 32 24W
 COMP S25W 34 21 40N, 117 37 58W

PEAK VALS ACCLN = 194.4 CM/SEC/SEC AT 2.08 SEC VELO = -9.6 CM/SEC AT 1.98 SEC DISP = 1.0 CM AT 1.84 SEC

INITIAL VELO = 1.33173 CM/SEC INITIAL DISP = 0.18364 CM

837 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-100	-427	-326	174	426	125	123	321	317	184	265	228	-253	-567	-634	-833	-1075	-1152	-1078	-607
478	1438	1803	1503	835	349	150	-80	-204	-271	-504	-930	-955	-210	293	227	296	443	596	311
-436	-653	-275	138	-49	-414	-131	243	-94	-458	-188	522	758	142	-487	-211	269	414	47	-481
-533	86	441	22	-158	-26	-102	-20	374	414	-143	-674	-667	-134	163	127	217	448	690	474
23	-193	-190	56	79	-99	1	370	407	-165	-628	-602	-326	-279	-771	-1193	-1263	-946	-283	231
-17	112	890	1653	1944	1498	543	-81	-381	-261	185	282	16	-115	-400	-705	-682	-319	-180	-200
-230	-329	-380	-286	-26	296	337	304	351	368	287	175	66	-61	-71	-34	-169	-217	-105	18
-22	-41	99	194	216	304	347	202	-99	-186	-109	-164	-38	135	-29	-166	47	159	25	36
61	-51	-130	-204	-192	-162	-106	44	166	226	163	77	-23	56	227	131	-182	-241	-57	42
79	33	-178	-307	-309	-267	-166	-42	49	101	101	72	57	77	117	173	208	232	236	134
-44	-173	-218	-230	-146	-46	39	57	-7	12	84	129	144	134	186	173	72	-7	6	-2
-74	-111	-132	-144	-134	-88	-41	-39	-10	11	-3	-23	-56	-45	31	41	29	65	29	-35
-63	-12	67	44	16	39	15	-5	45	76	43	11	11	13	38	45	62	15	-66	-110
-81	-16	55	89	79	21	-18	-14	12	-24	-50	-25	4	4	-34	-39	4	14	-62	-97
-15	-12	-4	13	-34	-27	13	33	51	63	57	64	74	90	78	32	30	32	-29	-91
-94	-63	-50	-41	-37	-82	-88	-74	-109	-101	-44	-5	-1	2	18	37	61	69	32	2
-11	-2	11	5	30	95	111	93	102	96	93	117	89	33	2	-7	-9	-21	-42	-59
-80	-84	-64	-59	-68	-67	-70	-63	-57	-80	-113	-102	-44	-31	-39	11	67	52	11	17
-1	-5	68	127	116	79	32	-4	19	16	-14	0	-23	-38	-20	-28	-38	11	18	-16
-5	32	15	25	39	28	-4	-45	-48	-33	-37	-39	-17	13	26	25	9	-6	-17	-26
-3	26	2	-7	2	50	89	68	34	7	9	29	5	-13	12	6	-49	-72	-56	-21
-15	-19	12	50	37	12	2	29	71	106	72	29	31	26	-23	-49	-40	-12	-13	-16
9	-8	-10	8	3	-4	-6	-54	-75	-30	20	30	32	17	-8	-22	-7	23	19	9
15	22	7	-17	-34	-38	-27	-28	-24	-18	10	14	12	7	-11	5	33	15	-22	-7
-2	-41	-57	-42	-25	-14	0	14	6	19	39	26	1	-15	-46	-51	-11	-8	-32	-55
-82	-65	-18	-7	-26	-23	-15	-9	19	40	22	5	-11	-36	-17	12	10	-3	-9	2
19	-1	-11	-14	-1	27	25	-6	-15	9	23	-4	-28	-32	-5	-14	-7	16	25	23
12	13	0	-11	-8	19	16	2	19	27	3	7	34	19	-17	-28	-14	5	19	-12
-49	-41	-28	-43	-36	-7	-3	-15	-26	-13	-3	-18	-33	-15	9	-8	-14	13	40	58
31	0	0	-9	-24	-15	12	5	-27	-9	9	4	-20	6	12	-4	-3	20	30	24
14	30	34	13	6	22	29	12	13	23	27	-12	-44	-50	-38	-22	6	-4	2	4
0	-33	-17	19	19	-44	23	-17	-5	1	-6	-11	-3	-3	-11	-8	-17	13	47	36
17	25	52	54	11	-36	-28	-10	-4	24	23	15	32	32	12	15	25	34	38	18
-15	-26	-17	-24	-19	-2	9	4	-19	-46	-14	43	44	27	27	15	1	12	26	-3
-9	-35	-55	-4	31	22	0	-13	-16	-13	-35	-28	-4	-19	-46	-49	-15	-5	-3	12
16	-11	0	22	-10	-29	-8	0	-23	-30	-5	18	28	15	22	29	15	-2	-10	5
32	52	25	-1	14	13	-21	-27	-19	-15	-5	-14	-5	-15	-44	-47	-18	-2	-3	-8
4	11	23	38	24	-21	-62	-47	-16	4	15	2	-17	2	29	48	48	17	0	-15
-8	20	16	-9	-3	22	18	-2	8	6	-13	3	12	16	-2	-28	-12	28	37	21
0	-3	16	15	19	-2	-37	-20	-30	-54	-23	20	52	45	5	-27	-10	11	6	-5
33	39	22	11	16	16	-20	-38	-2	20	10	10	5	-4	-10	0	18	35	37	25
17	27	29	0	18	33	17	27	37	6	-5	29	27	1	0	4	6			

IIW334 70.002.0
STATION NO. 290
INSTR PERIOD = 0.048 SEC DAMPING = 0.591
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
6074 PARK DR., WRIGHTWOOD, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 34 16 12N, 117 32 24W
CUMP DOWN 34 21 40N, 117 37 58W

PEAK VALS ACEN = -53.1 CM/SEC/SEC AT 0.92 SEC VELO = -3.2 CM/SEC AT 2.62 SEC DISP = 1.4 CM AT 8.72 SEC
INITIAL VELU = 1.23094 CM/SEC INITIAL DISP = 0.10259 CM
837 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

343	-22	-302	69	264	-116	-312	-75	-16	-32	-70	173	47	131	226	-175	33	172	161	-259
-421	-465	-143	19	94	78	9	355	524	289	-54	-93	-72	-144	-147	-100	-71	-190	-131	23
298	502	145	-43	12	-127	-531	-471	-227	-188	-148	35	241	-67	22	225	-107	98	398	-47
-344	-421	111	172	108	-85	-83	-78	-1	277	265	281	31	152	275	154	-178	-239	-180	-273
-474	-206	105	101	98	-149	-92	-12	-159	-278	81	302	-162	-253	231	255	-54	-141	-21	306
169	-153	-349	-95	71	-103	163	392	294	-19	-43	121	295	292	-148	-396	-8	139	14	-66
34	97	49	-23	-206	-197	-247	-383	-379	-196	-192	-18	97	121	128	88	139	255	216	21
187	298	191	139	234	238	-4	91	54	22	-38	-107	-253	-251	-59	24	-58	-109	-154	-182
-111	-102	-86	14	10	1	94	9	58	31	-19	-49	9	-58	-106	-84	34	42	-19	6
94	142	9	-109	4	112	21	9	58	35	2	88	122	119	141	64	-14	-11	-6	-11
30	-8	-101	-12	-31	-89	-44	2	17	9	-14	-20	5	-19	-43	-24	-57	-69	-70	-42
-55	-114	-84	18	14	-3	71	84	39	15	39	69	76	85	83	83	30	64	102	67
56	31	8	25	52	62	-30	-92	-47	-35	-55	-84	-90	-29	-31	-25	1	-29	-33	-58
-1	22	88	70	25	0	76	123	77	67	14	-15	44	29	21	18	17	13	10	-32
-108	-43	-3	-29	-54	-74	-66	-50	-75	-18	-38	-83	-31	66	73	32	22	15	1	7
30	34	45	31	26	56	71	41	45	50	70	26	-25	-20	-67	-65	-14	28	17	1
2	-21	19	10	21	44	25	-75	-82	-35	-21	-48	-55	-50	-44	-37	-49	-34	17	50
8	2	83	65	-18	17	65	47	15	43	42	-12	17	30	40	-12	19	4	-2	1
17	48	2	-16	-35	-44	-27	-10	-3	5	-75	-45	36	-63	-81	16	15	-2	46	44
27	6	-47	-27	-4	-11	-6	-2	11	1	22	11	-14	-29	-4	8	-4	9	8	-23
-5	7	-16	-27	-7	-32	-33	-25	-17	-1	27	16	20	56	20	-43	-40	-24	6	9
-26	-13	-21	-32	-5	20	38	19	-17	-50	-30	-15	-67	-54	1	19	-24	-52	-26	-19
-33	-17	18	-5	-58	-52	-27	-2	30	21	-16	-8	-3	-6	-11	31	34	4	-1	-16
-43	-17	-1	-9	0	10	-1	-15	-10	-1	-10	12	18	1	-34	-37	-12	18	24	9
-27	1	31	7	-15	-32	-13	23	20	0	-1	-24	4	17	6	1	18	25	12	1
-60	-43	7	7	-62	-71	-53	-25	-5	-14	-21	-45	-3	21	4	10	9	-12	-2	-21
-10	42	48	-1	-3	-19	-33	-10	-3	-33	14	18	-13	7	45	1	-5	4	5	21
5	5	28	11	-12	15	25	-6	-45	-16	10	19	8	5	28	30	9	15	27	34
1	0	28	14	4	0	-13	-13	11	10	9	29	31	-7	-25	1	19	-2	-10	23
23	-8	-14	8	11	14	-7	-2	26	12	-14	12	31	20	5	18	24	-8	-7	48
35	-14	0	22	29	8	5	14	24	29	-1	0	10	-13	-13	0	21	12	5	22
1	10	20	8	-9	-11	-33	-20	-9	-10	2	-7	-25	-7	4	19	23	10	-3	-8
-4	17	2	-16	-7	40	51	28	-3	-13	-11	-6	-1	19	26	27	-7	-11	4	4
-15	6	21	-4	-25	-6	-10	-9	11	19	5	4	-14	-17	5	5	-20	-5	0	-14
-13	-19	-29	18	35	10	-10	-2	-13	5	-2	-15	4	19	47	57	-9	-9	30	-9
-25	14	22	19	-1	-14	-11	-30	-18	9	12	-11	-24	-7	-1	-4	-1	-1	2	2
-10	-26	-21	-4	3	5	17	5	-17	-8	-6	-22	6	18	-37	-32	-4	-12	-15	-13
0	23	32	-4	-14	-8	7	30	16	-9	-5	3	-12	-13	-5	13	-3	-41	-20	-1
-11	0	16	-5	-8	-24	-21	-2	-4	-5	20	-8	-15	-9	22	-3	-35	-24	13	25
-7	-16	-8	-19	-7	15	2	-31	-18	14	20	0	-4	-20	-2	-4	3	-10	-18	-16
3	0	-23	-36	-21	-7	-10	-18	-18	13	43	20	1	13	19	8	-4	5	24	21
18	18	3	-8	-12	1	8	15	24	26	14	2	-16	-17	6	-5	-18			

IIM335 70.011.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
STATION NO. 111 ALLEN RANCH, CWR SITE, CEDAR SPRINGS, CAL.
INSTR PERIOD = 0.057 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 34 16 12N, 117 32 24W
COMP S85E 34 16 40N, 117 20 05W

PEAK VALS ACCLN = -59.9 CM/SEC/SEC AT 0.66 SEC VELO = -5.6 CM/SEC AT 0.16 SEC DISP = -2.4 CM AT 2.18 SEC

INITIAL VELU = 0.13214 CM/SEC INITIAL DISP = 1.07866 CM
1907 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

94	-471	-611	-458	-292	-347	-476	-267	105	527	646	610	518	283	-79	-405	-533	-578	-393	29
252	67	-18	470	678	24	-524	-200	197	386	390	76	-436	-699	-307	175	129	12	185	97
-274	-158	291	591	316	-199	-225	100	62	-135	-73	178	44	-128	17	-25	84	500	375	-239
-452	-191	-92	-55	255	402	97	-152	-6	174	70	-133	-140	-117	-141	-98	-91	15	91	20
-31	-7	53	-144	-240	-7	155	154	117	117	3	-95	13	105	11	-112	-23	74	-5	25
79	17	45	134	139	75	-91	-156	-50	29	189	-5	-85	-78	5	33	2	-29	-75	-17
129	144	-19	-44	79	43	17	-47	-12	72	47	45	58	68	0	-66	36	147	75	-45
-35	44	46	46	26	88	51	43	38	35	68	39	-6	-107	-116	-60	-6	17	41	-17
-141	-160	-29	110	159	77	-2	-55	-15	12	35	44	-3	-83	-102	-76	-30	38	96	47
-41	-3	64	60	72	77	-2	-55	-15	12	-24	-76	-90	-41	28	-9	-83	-45	32	19
-15	15	22	-12	-25	9	51	32	-15	-36	-27	-30	-21	2	17	23	21	-9	-12	47
93	4	-116	-80	25	24	14	53	29	-40	-76	-26	88	75	34	-5	-41	-29	32	17
-40	-53	-18	17	10	-18	-39	-24	-4	-12	18	63	25	-33	-27	-36	-55	-18	38	36
3	9	3	-38	-36	25	60	23	-27	3	27	-25	-28	19	49	-3	-87	-96	-65	-45
2	15	7	2	10	4	-11	11	-9	-8	23	-17	-29	51	41	-36	-8	67	56	-54
-105	-46	21	32	10	6	-17	-70	35	2	-38	-4	36	12	3	6	-33	-62	-53	-29
-25	-2	33	22	6	7	-36	-36	26	-44	-17	13	-9	15	60	5	-29	27	14	-52
-54	-36	-45	-23	8	-2	23	-70	-21	13	24	-16	-44	-8	18	-13	-17	27	17	-10
26	11	-26	-6	28	30	31	15	-3	-13	-5	34	59	41	15	-13	-32	3	51	52
28	2	-27	-14	-1	-17	-15	16	13	-23	-28	-4	-6	-41	-49	-27	-12	2	-1	-13
-21	-16	-10	-4	5	0	-10	1	15	-3	-31	-21	13	8	-21	15	52	10	-11	0
-13	8	45	11	-52	-51	-12	-5	17	28	-10	-33	-1	4	-17	-17	-1	-4	-18	-11
25	32	-6	-20	-6	-5	2	23	16	-1	-5	-2	9	22	13	-11	-9	9	-2	-15
-1	9	5	6	-8	-42	-42	-1	7	1	16	4	-40	-38	10	15	-24	-40	-16	10
6	-23	-38	-30	-8	24	13	-38	-38	-1	17	15	3	-3	15	35	19	-17	-32	-12
10	12	-5	-22	-22	-8	10	16	-2	-35	-51	-39	-7	25	9	-24	-17	22	36	-2
-41	-36	-5	26	43	-13	-27	3	22	8	0	24	37	6	-26	-31	-14	-1	14	37
30	-13	-31	-3	10	-8	-11	6	3	-15	-34	-38	-7	31	15	-31	-33	15	45	5
-34	-14	20	21	-26	-38	-9	10	14	2	-12	-5	12	-1	-29	-34	-14	-7	-13	-9
-14	-3	39	26	-11	1	25	-2	-30	6	24	10	-25	-61	-6	83	96	29	-26	-24
-4	19	18	-27	-56	-37	1	10	-16	-38	-25	17	37	20	-7	-11	-3	-9	-12	-30
-21	46	77	44	25	55	48	-7	-51	-18	63	79	-5	-79	-42	24	62	56	14	-43
-53	14	44	7	-44	-20	48	57	16	-26	-15	53	88	18	-32	-43	-7	25	34	25
-7	-13	10	4	-1	19	20	0	-19	-14	9	16	0	-12	9	18	2	-14	-21	-4
22	29	9	-18	-17	3	26	33	24	7	-13	-20	-6	5	-4	2	24	7	-20	-2
21	17	6	-7	-20	-5	29	23	-5	-11	-7	-8	6	15	-6	-18	-9	9	3	-10
-11	2	14	13	-4	-4	26	39	13	-27	-32	1	24	20	6	-12	-31	-13	16	24
9	-4	6	29	31	-4	-9	15	19	-20	-26	0	20	27	19	10	5	9	10	6
7	5	-1	-8	-8	-3	4	10	9	0	-12	-16	-11	-1	9	18	10	-24	-39	-24
-19	-15	-11	-12	-7	-10	-4	23	24	-8	-26	-9	7	7	-1	-8	-12	3	23	25
9	-15	-27	-19	-9	-12	-8	11	23	20	7	-7	-13	-9	-5	-11	-1	34	55	33
-15	-28	-10	17	21	4	-8	-6	2	0	-12	-22	-15	6	20	13	2	5	15	11
6	7	-1	-4	-1	5	7	-12	-21	-10	-4	-6	3	6	1	-11	-26	-26	-15	-6
-1	-4	-8	-6	-6	-10	-5	-3	-1	11	5	-9	-3	17	17	-8	-29	-25	-2	12

1	-6	4	13	11	-2	-18	-23	-6	13	18	2	-16	-22	-15	-3	10	0	-5	0
5	-4	-13	-16	-26	-22	10	15	-7	-22	-11	7	-3	-16	-25	-16	8	19	4	-10
-8	7	14	-3	-13	-4	7	4	-2	1	10	14	12	7	-1	1	14	13	2	0
-2	-16	-21	-14	-23	-38	-28	-25	-32	-25	-13	0	11	15	8	-5	-8	-3	-6	-8
-4	-3	-8	-10	-6	5	12	-1	-18	-12	4	4	-7	-6	-1	3	5	12	21	14
-2	-12	-5	-9	-12	5	16	11	16	30	29	15	13	29	29	10	12	29	8	-28
-15	19	36	27	4	-21	-22	-8	3	8	4	5	9	9	6	2	2	-1	-5	5
15	19	9	-3	-9	-1	7	11	6	2	8	9	2	1	10	15	11	2	-1	5
7	0	6	15	9	-8	-9	2	2	-5	-6	1	-2	-2	-3	-9	-6	1	0	5
3	-11	-10	4	5	-8	-23	-26	-14	9	19	7	-10	-20	-10	5	11	8	-1	-10
-3	6	5	-7	-8	4	2	-4	15	25	5	-12	-4	15	13	-1	-4	1	9	15
6	-9	-10	-3	-9	-18	-18	-10	0	3	2	-6	-11	2	15	15	11	4	-4	-7
-10	-4	11	12	0	-8	0	12	11	3	1	11	17	9	-6	-8	-5	-8	-13	-16
-10	-7	-9	-6	5	10	-1	-12	-2	8	-1	-10	5	5	6	-3	5	17	13	-10
-24	-25	-20	-12	-8	-6	2	-5	-21	-21	-10	3	-5	1	-5	-12	-11	3	13	3
-10	-20	-23	-8	10	6	-5	-4	-4	-13	-3	9	3	-5	-7	-3	8	13	9	7
-1	-11	4	18	5	-8	-4	9	11	-3	-8	2	7	-4	-5	8	12	2	2	4
5	9	17	17	9	7	7	1	1	3	-5	-7	0	3	-2	-9	-5	4	15	14
-1	-17	-20	-11	0	3	-6	-11	-9	-5	0	5	11	15	11	1	-10	-15	-6	2
8	11	6	2	9	6	-5	-13	-14	2	18	16	7	4	0	-5	-2	-13	4	1
-11	-10	7	15	4	2	8	-1	-10	-19	-24	-9	-3	-12	-16	-6	-5	-13	-7	8
8	-7	-20	-14	-3	2	-16	-8	5	2	6	5	-12	-10	-3	-7	-2	10	11	5
-1	-2	2	6	6	4	5	9	13	12	5	-1	1	5	5	-3	-13	-13	-4	-6
10	2	-14	-13	3	-2	-8	5	8	-7	-6	7	0	-5	2	10	14	2	-16	-17
-3	4	-2	-6	-3	-8	-19	-18	-7	0	-7	-8	4	1	-13	-15	-8	-5	-9	0
4	-6	-12	-7	-2	0	-1	6	7	5	15	25	22	6	-11	-10	9	23	19	10
9	20	24	10	-5	-8	5	18	8	-4	4	21	9	-6	2	9	1	6	17	13
0	-2	7	3	-11	-11	1	8	2	-8	-15	-7	8	11	3	5	13	3	-9	-1
15	17	5	-6	-7	4	10	2	-6	-6	-2	-2	-4	-1	10	18	14	9	8	7
4	-6	-12	-2	9	12	5	0	4	10	11	0	-8	2	15	11	-1	-10	-11	-2
6	3	-6	-4	8	11	5	-6	-9	-5	-3	-1	-1	-5	-10	-7	-1	0	2	3
3	9	7	-4	-12	-8	2	4	-3	-12	-12	-3	3	-2	-5	0	0	-6	-6	2
0	-10	-4	10	-10	4	-4	-4	4	3	-16	7	11	4	-7	-6	1	3	0	-5
-6	-3	1	0	-7	-6	5	14	7	-6	-16	-16	-1	4	-9	-6	7	13	7	4
13	21	13	-3	-8	-3	-9	-7	9	17	7	-3	2	12	5	-5	-14	-16	-11	-5
-6	-12	-10	2	9	7	-1	-11	-17	-13	-2	6	6	-3	-12	-12	-5	0	4	0
-6	-8	-3	1	-1	-5	-7	-3	0	-5	-10	-5	2	8	15	12	6	0	-14	-24
-10	1	-5	-4	2	0	-8	-12	-3	9	10	5	-5	-11	-3	7	5	-4	-7	2
5	0	0	4	1	-15	-29	-20	0	7	1	-5	1	6	1	-5	-3	2	0	-9
-10	-9	-7	-6	-6	-4	-12	-16	-4	5	4	2	-6	8	0	-3	2	9	11	6
2	6	8	2	-2	-2	4	6	3	-7	-19	-21	-7	13	21	14	3	-9	-15	-14
-6	1	-1	-7	0	13	21	21	11	-1	-6	0	6	4	3	5	5	6	7	6
-5	3	8	12	8	-3	-4	8	19	21	12	2	3	10	15	-1	-5	-13	-10	-3
5	3	-3	-9	-9	-4	3	3	0	-6	-10	-5	2	1	-1	-1	6	13	17	15
5	-6	-6	1	6	2	-4	-5	2	1	-6	-5	-5	-4	5	8	2	-7	-12	-18
-15	1	8	3	-5	-16	-22	-17	-9	-5	-3	3	9	4	1	-2	-8	-7	-5	-6
-9	-8	-4	-8	-9	-5	-1	4	8	10	7	2	2	7	11	4	-8	-14	-10	-1
6	12	17	15	8	4	-1	-1	-4	-1	6	6	1	-2	0	3	6	8	3	0
-1	-4	1	11	3	-9	-17	-13	-5	5	13	8	4	5	7	14	13	-1	-6	-3
-1	-4	1	11	10	-2	-7	6	11	6	2	-5	-7	5	9	2	2	15	14	-2
-9	-4	4	4	-1	-4	5	9	-5	-13	-7	-3	-2	-1	-5	-3	13	22	19	7
-6	-13	-16	-13	-3	-1	-5	9	-5	-13	-7	-3	-2	-1	-5	-2	-8	-7	-5	

IIW335 70.011.0
STATION NO. 111
INSTR PERIOD = 0.058 SEC DAMPING = 0.591
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
ALLEN RANCH, CWR SITE, CEDAR SPRINGS, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 34 16 12N, 117 32 24W
CUMP S05W 34 16 40N, 117 20 05W

PEAK VALS ACCLN = 54.9 CM/SEC/SEC AT 0.44 SEC VELO = 2.0 CM/SEC AT 0.16 SEC DISP = -2.0 CM AT 27.08 SEC

INITIAL VELO = 0.23363 CM/SEC INITIAL DISP = -0.34779 CM
1907 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

216	149	175	-2	-108	105	320	215	-193	-409	-273	-106	1	93	247	116	-307	-534	-331	-202
30	422	549	431	196	-43	-250	-271	-16	29	-210	-284	90	319	175	146	36	-299	-498	-188
137	41	-47	71	251	307	56	-174	-28	-71	-203	15	220	194	43	-64	-8	-90	-128	-40
-11	77	173	178	-48	-314	-176	180	246	72	-145	-115	0	-30	26	192	178	-240	-451	-66
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11W335 70.011.0
STATION NO. 111
INSTR PERIOD = 0.061 SEC

LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
ALLEN RANCH, CMR SITE, CEDAR SPRINGS, CAL.
ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 34 16 12N, 117 32 24W
COMP DOWN 34 16 40N, 117 20 05W
DAMPING = 0.591

PEAK VALS ACCLN = 59.3 CM/SEC/SEC AT 0.20 SEC VELO = -2.6 CM/SEC AT 0.12 SEC DISP = -1.2 CM AT 1.02 SEC

INITIAL VELO = -1.25574 CM/SEC INITIAL DISP = -0.08773 CM

1906 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-15	-382	-267	37	107	-135	-37	240	166	243	593	371	-113	-140	-161	-258	-204	-60	35	133
80	-133	-131	80	88	-40	-72	48	41	-122	-94	-15	-95	-59	18	140	193	65	76	151
127	50	25	-16	-25	-12	-95	-118	30	101	94	128	75	28	163	195	26	37	-26	-175
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-54	101	72	-13	34	121	163	93	50	23	-71	-64	33	-13	-47	29	15	-28	-69	-57
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10	-1	-3	0	-5	-8	-11	-3	16	10	3	7	1	-13	-20	-11	-4	-4	-5	6
8	1	0	6	7	11	9	-1	-6	-1	5	-1	-4	1	1	-4	-11	-10	1	10
2	2	3	-1	5	-1	-5	4	10	15	16	9	-2	-2	3	6	1	-9	-8	2
6	-2	-1	7	3	4	9	4	-7	-5	4	2	-1	-3	-8	-7	-3	-6	-3	-2
-3	-9	-12	-4	5	8	7	3	-6	-11	-6	-2	3	6	-4	-11	-4	-5	-7	-2
-1	3	-6	-4	8	1	-4	-4	-5	-9	-8	-6	-8	-7	-7	3	3	-2	0	3
2	1	9	5	3	10	11	10	13	7	9	8	0	2	7	4	5	13	10	9

14	11	4	1	7	13	7	0	3	-1	6	5	-4	6	15	10	-1	-8	-6	-1
-4	-2	-1	2	-1	1	1	2	4	-4	-10	-2	-4	-10	2	6	-4	-2	2	-6
-5	-5	-6	-6	-2	-7	-8	0	9	13	7	-7	-10	3	10	5	1	-1	3	8
-2	-2	-8	0	-2	-5	0	1	0	4	-4	-15	-10	-2	2	2	-1	-1	6	10
-6	-8	2	4	-5	2	2	-12	2	-18	-11	3	2	0	-6	-14	-10	1	2	-2
											1	-1	-9	-8	-14	-19	-11	1	-1
-6	-3	3	4	-1	-4	-4	-1	-1	-4	-7	-9	-9	-6	-3	-5	-5	-4	-2	-2
-3	-4	-3	4	10	4	-6	-10	-3	6	5	-3	-9	-8	1	3	-4	-6	2	6
-1	-12	-19	-13	-3	4	-4	-2	-6	-6	-4	-6	-7	0	1	-8	-5	4	4	-1
-7	-4	0	1	-2	-9	-4	4	4	-3	4	4	11	8	2	-3	-6	-5	-5	-1
4	7	5	-1	-5	-3	-3	-7	-8	-6	5	5	7	-1	-9	-11	14	10	4	2
-7	-16	-10	0	8	12	5	-5	-11	-10	-3	5	8	4	6	14	-2	-3	2	-2
-8	-10	-6	1	7	10	8	5	2	-1	0	6	7	3	2	3	-2	7	-8	-5
-5	-10	-9	1	4	0	-3	-2	5	6	0	-9	-12	-7	-2	2	5	-7	2	-7
-6	-3	8	8	5	4	1	-2	-1	3	2	-2	-6	-9	-9	-6	-1	-3	-10	-11
-6	-3	0	0	-3	-4	3	12	14	10	6	1	0	0	2	8	11	8	0	-5
5	10	3	-2	-3	-8	-10	-1	5	3	-6	-17	-15	-5	1	-1	-3	1	3	3
4	4	4	6	6	-1	-11	-8	1	8	9	2	-4	-3	1	6	4	-4	-8	-4
3	7	6	7	8	5	1	-1	2	6	7	3	-2	-1	5	-7	5	2	1	2
8	12	9	5	2	1	-1	-3	-6	-8	-5	0	3	5	3	-7	-11	-8	1	7
8	9	7	4	-3	-5	4	12	8	0	0	0	1	2	-1	-2	2	4	4	4
5	5	1	-3	-2	-1	1	1	2	4	3	-6	-11	0	1	-1	8	10	9	12
6	1	3	-2	-5	2	4	0	3	3	3	6	3	0	-2	-12	-9	7	7	-4
-4	0	-2	1	-4	2	6	13	10	7	11	7	2	6	10	10	6	0	3	7
4	7	4	-5	-10	-9	-1	-1	3	4	-1	0	-3	-3	9	-1	-2	4	9	6
-5	-4	3	4	-4	-9	-7	-6	1	9	9	2	-3	-2	-1	-1	3	-1	0	4
2	-4	-8	-10	-8	1	9	5	-5	-5	2	2	-3	-1	1	-7	-10	-4	-2	-10
-9	-4	-2	1	0	5	6	-2	-1	9	12	3	-7	-6	-1	0	-3	-2	2	1
0	4	7	3	2	5	5	1	-2	-5	-2	5	4	2	8	10	1	5	3	10
15	11	9	5	2	6	4	-3	-1	6	-4	-4	-10	-7	0	-2	3	-6	-9	-16
-5	-7	1	6	-6	0	4	5	3	-8	-8	-6	-3	-13	-2	-2	-2	-3	-11	-7
-16	-2	0	-5	-7	-9	-3	-2	-5	-9	0	-2	2	5	-4	-13	-14	-6	5	10
5	5	1	-5	-7	10	-6	-2	-4	-1	-1	-2	5	4	-5	-2	4	-3	-7	3
0	7	11	3	-6	-7	15	-2	-3	1	8	6	-1	-5	1	-2	-3	-6	8	-4
1	8	8	3	-1	-7	8	12	9	7	5	1	2	2	6	2	2	8	8	3
-1	-5	-4	5	11	5	-1	-2	2	3	-4	-10	-9	-7	-1	3	-4	-11	-8	-1
2	0	-7	-9	-8	1	-1	-1	-3	-5	2	2	-7	-9	1	-7	-10	-4	-2	-2
-9	-4	-2	3	0	5	5	1	-2	9	2	3	4	-6	-1	0	-3	0	7	5
8	6	2	6	2	6	4	-4	5	6	-4	-12	-13	-1	-5	-2	4	7	3	10
-12	-7	3	-2	-3	-6	-4	4	-1	-8	-4	-7	-3	-13	-8	-2	11	-8	-9	-16
-1	-1	-1	-5	-7	-11	-4	-4	5	-2	-11	-10	-7	-9	-1	-4	-4	-11	-8	-1
8	6	-11	-2	-3	-7	-11	-4	1	2	-4	-2	-7	-9	-6	3	3	0	0	5
10	-2	-8	0	10	4	-6	-10	-3	-1	-7	-9	-13	-1	-5	0	4	9	7	-3
-3	-4	-3	4	-3	-9	-4	-2	-6	6	3	-3	-7	-9	-1	-2	-4	8	3	-8
-1	-12	-19	-13	-2	-4	-4	-10	-3	-6	-4	-6	-7	0	4	-8	-5	0	7	-3
-7	-4	0	1	-5	-3	-3	-7	4	-3	5	5	7	8	2	-11	14	10	-4	-6
4	7	5	-1	-5	-3	-3	-5	-8	-6	-2	-3	8	-1	-9	-14	-2	-3	4	-2
-7	-16	-10	0	8	12	5	-5	-11	-10	-3	5	7	4	6	3	-2	7	-8	-5
-8	-10	-6	1	7	10	8	5	2	-1	0	6	-12	-7	-2	2	5	-7	2	-7
-5	-10	-9	1	4	0	-3	-2	5	6	0	-9	-12	-7	-2	2	3	-7	-10	-11
-6	-3	8	8	5	4	1	-2	-1	3	2	-2	-6	-9	-9	-6	-1	-3	-10	-5
-6	-3	0	0	-3	-4	3	12	14	10	6	1	0	0	2	8	11	8	0	-5
5	10	3	-2	-3	-8	-10	-1	5	3	-6	-17	-15	-5	1	-1	-3	1	3	3
4	4	4	6	6	-1	-11	-8	1	8	9	2	-4	-3	1	6	4	-4	-8	-4
3	7	6	7	8	5	1	-1	2	6	7	3	-2	-1	5	-7	5	2	1	2
8	12	9	5	2	1	-1	-3	-6	-8	-5	0	3	5	3	-7	-11	-8	1	7
8	9	7	4	-3	-5	4	12	8	0	0	0	1	2	-1	-2	2	4	4	4
5	5	1	-3	-2	-1	1	1	2	4	3	-6	-11	0	1	-1	8	10	9	12
6	1	3	-2	-5	2	4	0	3	3	3	6	3	0	-2	-12	-9	7	7	-4
-4	0	-2	1	-4	2	6	13	10	7	11	7	2	6	10	10	6	0	3	7
4	7	4	-5	-10	-9	-1	-1	3	4	-1	0	-3	-3	9	-1	-2	4	9	6
-5	-4	3	4	-4	-9	-7	-6	1	9	9	2	-3	-2	-1	-1	3	-1	0	4
2	-4	-8	-10	-8	1	9	5	-5	-5	2	2	-3	-1	1	-7	-10	-4	-2	-10
-9	-4	-2	1	0	5	6	-2	-1	9	12	3	-7	-6	-1	0	-3	-2	2	1
0	4	7	3	2	5	5	1	-2	-5	-2	5	4	2	8	10	1	5	3	10
15	11	9	5	2	6	4	-3	-1	6	-4	-4	-10	-7	0	-2	3	-6	-9	-16
-5	-6	1	6	-6	0	4	5	3	-8	-8	-6	-3	-13	-2	-2	-2	-3	-11	-7
-16	-2	0	-5	-7	-9	-3	-2	-5	-9	0	-2	2	5	-4	-13	-14	-6	5	10
2	5	1	-5	-7	10	-6	-2	-4	-1	-1	-2	5	4	-5	-2	4	-3	-7	3
5	0	7	11	-6	-7	15	-2	-3	1	8	6	-1	-5	1	-2	-3	-6	8	-4
1	8	8	3	-1	-7	8	12	9	7	5	1	2	2	6	2	2	8	8	3
-1	-5	-4	5	11	5	-1	-2	2	3	-4	-10	-9	-7	-1	3	-4	-11	-8	-1
2	0	-7	-9	-8	1	-1	-1	-3	-5	-4	-12	-13	-1	-5	0	4	9	0	5
8	6	2	6	2	6	4	-4	5	6	-4	-7	-9	-9	-6	-2	4	8	7	-3
-12	-7	3	-2	-3	-6	-4	4	-1	-8	-4	-2	-7	-9	-1	-4	-4	-11	-3	-1
-1	-5	-4	5	11	5	-1	-2	2	3	-4	-10	-9	-7	-1	3	-4	-11	-8	-1
2	0	-7	-9	-8	1	-1	-1	-3	-5	-4	-12	-13	-1	-5	0	4	9	0	5
8	6	2	6	2	6	4	-4	5	6	-4	-7	-9	-9	-6	-2	4	8	7	-3
-12	-7	3	-2	-3	-6	-4	4	-1	-8	-4	-2	-7	-9	-1	-4	-4	-11	-3	-1
10	3	4	-5	-7	-10	-2	-5	-8	-9	-6	-6	-3	-5	-3	-3	-1	-1	0	3
4	9	3	-7	-10	-5	-2	4	-2	0	-3	-6	-5	-4	-9	-9	-3	1	-4	-6
-6	-1	-4	-5	-2	-1	1	-1	-3	-7	-1	-5	-8	-5	1	-4	-4	-15	-10	-5
-4	-9	-10	-2	-2	-8	9	6	-2	13	-1	-8	13	12	2	-2	-4	15	-4	3
-7	0	-8	-5	-3	-1	2	-2	-1	-5	-1	-4	-4	-7	-1	-4	-1	15	4	

11W336 70-004.0
STATION NO. 112
INSTR PERIOD = 0.051 SEC

LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
RIGHT ABUTMENT, CWR SITE, CEDAR SPRINGS, CAL.
DAMPING = 0.607

EPICENTER - 34 16 12N, 117 32 24W
COMP S54E 34 18 25N, 117 18 10W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = 56.0 CM/SEC/SEC AT 0.76 SEC VELO = 2.9 CM/SEC AT 0.80 SEC DISP = 0.8 CM AT 1.70 SEC

INITIAL VELO = 0.22918 CM/SEC INITIAL DISP = -0.09158 CM

S11 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-132	132	245	188	190	140	-66	-159	-87	-16	-9	-184	-309	-191	0	11	22	144	255	136
-84	-44	27	-27	-48	6	48	6	-84	-171	-200	-177	-111	22	85	128	244	423	560	387
-13	-315	-517	-558	-508	-410	-270	-56	129	272	419	387	177	123	256	386	289	-53	-484	-523
-241	126	177	21	-81	-232	-290	-181	-79	96	268	249	242	361	161	-183	-256	-132	22	150
210	150	8	-168	-330	-456	-395	-34	320	160	-276	-393	-42	258	339	343	181	-10	-187	-312
-293	-151	7	109	75	-55	-134	-2	238	319	220	100	36	-66	-132	-60	80	50	-178	-271
-89	74	90	22	-91	-116	-106	-53	48	178	229	134	-11	-17	67	74	-15	-108	-86	-4
57	29	-72	-82	19	114	107	16	-18	-12	1	-13	-53	-85	-57	6	18	-52	-109	-79
15	81	73	46	15	5	17	-18	-48	-25	-6	-5	-7	-40	-64	-19	27	0	-22	28
65	24	-37	-53	14	57	33	18	23	14	-3	-19	-10	17	29	22	-5	6	39	38
-1	-40	-27	23	35	-16	-32	13	42	43	30	-3	-43	-68	-52	-11	30	43	25	3
3	1	-26	-20	11	20	-6	-12	-1	13	8	8	15	19	-13	-67	-82	-21	41	40
-21	-48	-9	46	56	43	37	48	15	-22	19	79	81	23	-17	-5	22	-10	-47	-30
-9	-47	-75	-48	-14	25	39	7	-20	-26	-23	-16	-29	-43	-3	44	15	-9	-1	29
64	67	39	25	32	37	9	-44	-61	-38	-8	10	11	30	29	-12	-44	-50	-16	16
2	-50	-53	2	33	25	7	10	57	19	-22	-40	-9	49	18	-18	33	49	30	9
16	34	46	20	-15	-32	-27	-2	14	1	-15	-23	-19	-18	-20	7	36	1	-44	-42
-14	12	11	-7	-9	9	1	-19	-4	22	12	16	54	71	56	25	33	62	32	-17
-24	25	34	-36	-79	-45	4	-25	-62	-48	0	27	6	-12	-1	3	-29	-30	9	34
17	-19	-35	-43	-38	-26	-8	15	22	11	13	26	9	-16	-1	26	37	26	2	-22
-11	2	-16	-29	5	58	65	28	-13	-13	27	19	-34	-60	-44	0	24	38	51	37
7	-6	2	-13	-48	-52	-32	-1	-14	-37	-10	29	26	-6	-22	-17	-6	-2	-4	-8
-7	-4	-5	-16	-26	7	52	50	5	-20	-20	-11	2	-2	-26	-42	-50	-44	-16	17
28	16	-3	-6	-1	5	13	21	18	-6	-35	-34	-9	14	-4	-33	-41	-28	-8	1
-6	-3	17	16	-10	-22	-16	6	4	-11	0	31	30	20	16	25	26	16	-6	-33
-41	-31	-26	-43	-41	-7	37	43	6	-12	5									

IIW336 70.004.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
 STATION NO. 112 RIGHT ABUTMENT, CNR SITE, CEDAR SPRINGS, CAL. COMP S36* 34 18 25N, 117 18 10W
 INSTR PERIOD = 0.055 SEC DAMPING = 0.591 ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -69.4 CM/SEC/SEC AT 0.78 SEC VELO = 4.0 CM/SEC AT 0.72 SEC DISP = -1.2 CM AT 2.00 SEC

INITIAL VELU = 0.64089 CM/SEC INITIAL DISP = 0.24237 CM

511 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

352	-3	-131	-137	-250	-363	-329	-250	-13	153	-27	-256	-255	-10	277	314	228	250	115	-314
-376	-25	123	-49	-155	118	392	209	-17	70	256	302	423	468	421	268	-5	-257	-495	-694
-638	-430	-185	-5	63	26	-134	-264	-148	21	32	40	77	83	175	305	237	2	-131	-197
-237	-73	241	282	15	-110	79	199	206	253	112	-263	-289	-130	-226	-363	-297	-9	202	301
238	34	-241	-314	-85	202	348	334	248	-1	-265	-331	-162	38	134	92	11	-69	40	272
437	409	211	-71	-273	-290	-204	-68	49	118	175	176	56	-132	-205	-64	106	137	38	-86
-153	-180	-121	12	62	23	35	121	166	114	13	-46	-54	-18	44	20	-67	-102	-45	28
67	81	99	61	5	6	28	35	-2	-21	-39	-46	-113	-151	-52	-15	-5	-12	12	42
26	10	28	12	-37	-16	52	43	-54	-102	-39	33	28	18	40	26	-8	44	95	68
5	-39	-74	-97	-112	-91	-43	-12	-20	-8	45	102	122	80	35	17	-8	2	9	12
-15	-52	-24	1	-41	-60	-30	-8	-39	-31	32	59	8	8	61	87	64	13	-33	-62
-59	-46	-14	29	23	-16	-28	-3	30	56	70	81	75	32	-4	9	37	34	-4	-53
-93	-52	-80	-43	5	17	-5	-36	-44	-28	-7	6	-10	-21	1	54	85	69	59	76
41	-26	-37	-19	-10	2	0	-5	-6	-29	-38	-20	-2	32	-1	-48	-52	-39	-42	-41
-12	8	-9	-25	-22	-5	9	11	-4	-7	-13	-20	6	28	15	-15	-18	11	7	-24
-13	2	-2	-5	-14	-27	-24	-33	-27	-31	-37	-26	-16	-25	-26	-22	-16	-27	-14	21
32	20	6	-5	0	22	39	38	41	8	6	8	-1	-1	28	58	44	3	-24	-22
-16	-30	-17	7	5	-25	-37	-20	10	-3	-40	-36	-16	-7	1	14	19	9	5	-4
-6	5	-1	-20	-20	-1	9	10	31	54	24	3	24	33	4	-36	-51	-29	-11	-7
-5	9	16	-5	-20	6	33	17	-12	0	36	40	15	6	7	-17	-18	8	-4	-25
-13	10	12	-21	-33	-14	-11	0	40	49	24	4	-5	13	18	5	8	15	6	-21
-32	-6	28	25	12	29	17	-26	-24	5	27	39	27	-4	-18	-15	-4	9	-8	-21
-12	4	3	-6	-6	3	12	11	-19	-38	-29	-29	-20	11	22	6	-9	-6	6	25
14	-19	-36	-30	-16	-3	10	26	36	29	14	3	2	-1	-16	-18	0	14	18	14
19	20	3	-18	-11	16	21	-2	-19	-27	-25	-12	10	22	20	4	-17	-31	-37	-26
-17	-18	-14	0	13	17	6	-20	-40	-42	-37									

IIW336 70.004.0 LITTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
 STATION NO. 112 RIGHT ABUTMENT, CWR SITE, CEDAR SPRINGS, CAL. COMP DOWN 34 16 25N, 117 18 10W
 INSTR PERIOD = 0.055 SEC DAMPING = 0.607 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 36.9 CM/SEC AT 0.54 SEC VELU = -1.3 CM/SEC AT 0.80 SEC DISP = -0.4 CM AT 2.68 SEC

INITIAL VELU = -0.00853 CM/SEC INITIAL DISP = 0.06348 CM
 511 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

359	-90	-187	-121	24	-27	9	2	105	185	130	-46	-108	-44	110	130	-29	-127	74	62
-165	-190	130	205	-65	-189	190	369	125	-11	-24	60	80	-170	-174	-121	-220	-247	-164	-35
28	103	151	251	76	-31	-42	-92	-139	-105	-43	94	160	125	-52	-68	56	-48	7	130
104	73	133	132	42	-60	-49	-17	-20	-71	-13	27	-90	15	43	-88	-103	78	182	37
-140	-106	-2	-71	-121	-29	73	72	43	-17	-155	-114	74	233	149	-96	-82	21	64	78
-27	-84	-29	31	-2	13	83	92	94	53	-55	-130	-123	-96	-129	-133	-52	21	-55	-70
41	155	83	-58	-8	58	-5	-42	73	102	7	-40	13	00	80	69	39	38	27	34
20	17	-35	-22	-21	-49	-85	-77	-9	0	-1	-12	20	42	3	6	54	51	-3	-47
-14	0	-8	36	53	42	47	56	44	-34	-54	-9	11	-8	-28	-22	-10	-50	-64	-22
50	3	-41	24	57	49	7	15	32	25	-6	-36	-38	-4	-13	-17	-18	-38	-22	15
-2	-34	-9	46	45	-9	-7	24	9	-25	-6	21	-9	-46	-1	13	-48	-55	-20	-15
-7	36	52	17	5	38	45	8	-3	18	11	-12	-20	-25	-38	-36	-20	13	1	-17
-20	1	-4	5	3	-6	-30	-27	-4	0	10	11	-5	6	27	4	4	-17	-14	28
18	-25	-16	37	21	-30	0	43	12	-25	-14	15	2	-29	0	38	14	-27	-14	11
3	-12	-15	-25	-29	-13	13	11	-12	-19	-1	25	24	-8	-7	28	23	-14	-21	-7
18	-1	-28	-18	4	-16	-25	-21	-17	-5	-16	-17	10	51	42	19	16	10	-27	-39
-16	-5	-14	-12	-11	-16	-10	19	19	11	-9	-7	3	-2	10	25	11	-31	-40	12
39	5	-15	0	25	32	4	2	12	17	6	-13	-11	-13	-18	-18	-14	8	27	11
-2	12	25	-6	-9	13	6	-14	-27	3	28	15	-1	-22	-42	-26	-10	-7	-8	-6
5	9	1	-13	-30	-11	20	24	0	-9	-6	-6	-18	-24	-13	-5	-11	-9	-6	-18
-19	11	11	-24	-28	19	27	-14	-6	21	19	-16	-22	0	29	16	-10	9	-1	-26
-19	9	38	31	3	1	15	16	-4	-5	29	13	-33	-34	6	19	-18	-14	11	26
20	12	13	17	5	-4	1	-2	-25	-11	30	23	-17	-21	-1	16	5	6	17	12
2	1	0	4	-5	18	36	0	-1	23	11	-6	0	16	18	0	-2	12	15	11
-6	-1	11	18	5	3	33	44	13	0	18	23	4	1	12	14	0	-5	22	11
-6	14	26	6	-28	-8	18	-8	-36	-27	-2	23	4	1	12	14	0	-5	22	11

IIW338 7C.C10.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 STATION NO. 274 HALL OF RECORDS, SAN BERNARDINO, CAL.
 INSTR PERIOD = 0.051 SEC DAMPING = 0.607
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -113.8 CM/SEC AT 1.06 SEC VELO = -4.8 CM/SEC AT 1.34 SEC DISP = -1.8 CM AT 2.32 SEC

INITIAL VELO = 0.34139 CM/SEC INITIAL DISP = 1.06027 CM
 1477 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

82	160	105	-114	-384	-470	-357	-44	266	350	225	26	-38	-41	-54	-114	-210	-316	-365	-302
-125	96	222	214	129	5	-169	-316	-365	-240	188	606	629	434	220	140	57	-126	-446	-636
-609	-457	-288	-91	243	696	948	952	835	621	269	-301	-862	-1138	-1057	-152	-348	-41	250	571
722	620	104	-545	-742	-640	-403	33	394	472	416	226	19	-125	-162	-144	-67	-68	-82	117
463	580	416	111	-127	-171	-133	-108	-3	163	277	216	1	-256	-305	-202	-107	-76	-94	-54
92	201	234	207	136	43	6	-7	-63	-117	-87	9	86	23	-54	-2	154	241	106	-111
-187	-107	39	118	114	73	26	43	67	10	-88	-143	-175	-218	-212	-67	173	302	269	144
-29	-103	-91	-67	-94	-149	-135	-14	85	159	216	223	152	3	-88	-93	-63	-19	3	-7
-52	-96	-91	-25	41	73	63	49	30	-5	-24	-20	-22	-72	-92	-84	-65	5	65	83
38	2	-14	-18	-21	-38	-69	-82	-39	61	105	84	54	48	55	42	1	-42	-52	-19
39	78	89	89	73	12	-89	-129	-119	-103	-84	-27	31	63	77	91	103	77	12	-32
-40	-15	20	52	72	65	45	28	18	-4	-41	-63	-53	-32	-2	33	78	117	137	113
35	-35	-74	-125	-165	-168	-154	-154	-113	-32	25	50	41	1	-53	-69	-48	-15	7	8
19	55	113	148	139	95	29	-52	-128	-142	-89	-42	-15	3	23	47	39	7	-23	-36
-22	3	20	15	-4	-20	-33	-50	-76	-65	-20	6	8	-8	-21	-15	8	41	78	120
118	53	-1	-19	-10	-2	-10	-27	-31	0	22	32	27	15	-3	-40	-84	-102	-88	-38
6	29	25	23	64	118	137	106	49	1	-33	-65	-94	-101	-84	-58	-34	-8	20	47
43	29	41	57	41	4	-7	22	48	65	58	22	-16	-31	-40	-59	-80	-67	-27	-21
14	53	90	114	119	99	66	22	-18	-38	-22	16	39	42	34	36	27	8	-17	-41
-43	-30	-8	22	35	44	48	56	67	74	63	21	-33	-73	-86	-81	-86	-66	-65	-36
-18	-36	-69	-91	-86	-65	-33	8	55	90	107	100	82	52	4	-40	-48	-44	-22	1
-8	-7	21	58	75	57	17	-15	-17	-7	-9	-24	-24	-1	12	-6	-48	-92	-118	-129
-128	-117	-85	-34	-23	-12	15	45	57	53	33	21	24	39	70	109	122	102	55	7
-52	-93	-103	-96	-88	-82	-73	-47	-12	-2	-28	-67	-89	-79	-22	32	48	51	43	26
13	6	9	23	43	59	73	88	89	61	22	-22	-62	-77	-63	-21	-7	-22	-36	-48
-43	-21	1	21	37	41	40	37	26	12	2	2	2	-14	-33	-51	-73	-92	-81	-47
-4	14	13	15	25	41	34	1	-35	-64	-87	-96	-82	-57	-28	1	38	73	79	54
26	-7	-34	-28	2	42	43	24	10	-15	-52	-76	-80	-77	-59	-36	-23	-11	10	32
52	73	84	64	28	5	-4	-1	6	-7	-32	-59	-65	-48	-24	-10	-11	-1	20	42
60	66	61	52	40	21	-4	-32	-66	-86	-86	-76	-53	-26	-20	-16	19	58	76	76
80	96	94	74	42	10	1	8	-1	-17	-29	-26	-21	-33	-34	-17	10	14	9	-1
-4	5	-4	-15	-2	17	16	8	5	-4	-29	-60	-66	-62	-49	-28	-12	-4	7	14
11	7	7	-3	-21	-28	-16	1	24	39	37	25	2	-16	-18	-21	-38	-49	-32	-4
3	-31	-51	-62	-60	-57	-39	-15	18	42	50	45	43	38	26	1	-32	-50	-50	-34
-13	10	44	62	59	45	17	-3	-18	-12	-15	-25	-11	16	42	56	60	59	49	31
16	24	40	54	66	71	63	20	-23	-54	-69	-63	-47	-26	-5	-5	4	33	44	47
33	4	-16	-32	-38	-32	-5	32	66	79	68	63	56	48	31	5	-8	-8	-10	-18
-24	-32	-34	-31	-41	-57	-67	-66	-46	-41	-49	-37	-11	-3	-3	-6	-9	-9	-9	-8
2	33	60	51	31	3	-10	-5	5	21	29	19	5	-10	7	37	58	61	48	27
8	-4	-11	-15	-4	18	26	16	15	26	39	37	24	25	27	27	26	11	-9	-29
-41	-46	-56	-68	-65	-59	-54	-53	-35	-17	-12	-20	-26	-24	-16	-18	-26	-23	-9	15
41	58	52	40	38	27	3	-3	5	20	38	38	17	-6	-15	-28	-33	-27	-19	-8
6	16	7	13	40	60	66	55	37	41	51	50	40	23	7	-4	-16	-24	-23	-15
-15	-15	-14	-22	-21	-10	-15	-29	-31	-24	-14	-9	-11	-1	4	0	8	13	4	-2

-12	-25	-18	-2	19	40	40	40	33	35	36	15	-14	-31	-40	-29	-17	-16	-2	19	36
42	32	17	9	15	21	21	21	24	28	23	14	17	18	7	-2	10	1	7	-21	-41
-54	-61	-63	-59	-50	-25	-25	-25	1	2	7	12	15	9	-3	-6	-16	30	42	43	35
15	-1	0	6	17	30	28	28	12	-5	-6	-1	4	0	-11	-28	-26	-33	-27	-20	-17
-22	-22	-13	-8	-14	-12	3	3	22	33	36	37	31	-1	-28	-34	-26	-15	-7	-6	-15
-27	-32	-31	-20	-15	-20	-29	-29	-35	-33	-36	-35	-31	-39	-55	-62	-57	-42	-18	1	0
-8	-7	2	-4	-18	-28	-38	-38	-31	-17	5	24	27	25	22	10	-4	1	22	38	25
2	-8	-7	-1	8	13	14	13	9	7	5	7	10	2	-11	-16	-7	-3	-8	-19	-27
-28	-27	-17	-8	7	16	13	13	6	7	13	7	-4	-10	-19	-28	-30	-18	2	21	31
30	30	34	32	27	22	11	11	-5	-16	-24	-17	-5	6	23	33	29	26	17	5	-2
-2	4	21	38	39	36	42	42	52	54	44	37	36	36	32	23	-1	-20	-21	-13	-4
0	-4	-7	-11	-18	-28	-27	-27	-20	-25	-29	-36	-43	-42	-30	-10	4	22	39	37	15
-9	-18	-8	6	12	8	4	4	-3	-4	1	-4	-6	0	2	-2	4	7	-6	-1	18
34	38	32	24	16	14	20	20	29	35	27	8	-7	-15	-14	-2	14	21	13	3	-4
-8	-11	-10	-1	10	8	4	4	0	-3	1	-2	-6	14	41	44	22	6	5	6	6
4	3	10	8	-3	-9	-7	-7	0	1	-5	-11	-15	-22	-23	-7	12	12	-5	-14	-17
-25	-20	-6	-1	-9	-26	-29	-29	-22	-10	-1	-2	-7	-7	-2	4	3	-6	-7	0	7
23	39	40	30	22	31	50	50	58	55	48	40	29	8	-6	-5	-6	-16	-25	-37	-49
-39	-20	-13	-10	-14	-21	-23	-23	-30	-29	-22	-11	4	10	7	-5	-18	-17	-2	-2	-13
-14	-18	-25	-19	-4	-5	-5	-5	-10	-24	-35	-30	-23	-23	-27	-28	-28	-19	8	21	18
6	-9	-13	-16	-23	-16	0	0	12	3	-5	3	14	13	17	17	8	4	10	5	2
5	8	2	-5	-3	8	10	10	8	9	7	0	2	3	-3	-4	-11	-21	-19	-12	-12
-13	-9	-10	-17	-5	14	23	23	15	6	5	6	3	-7	-19	-14	-4	2	1	-7	-5
0	-8	-4	-5	-10	-10	-19	-19	-17	-17	-17	-15	-21	-13	5	16	26	24	23	10	-2
-4	3	1	-11	-3	13	22	22	18	7	1	1	-3	-3	-8	-9	-9	-23	-31	-25	-14
2	13	12	2	-5	-4	-2	-2	0	4	10	14	2	-6	2	9	9	1	-7	-8	-6
-1	9	8	8	7	-7	-13	-13	-3	11	8	2	-4	-7	-3	0	-3	-11	-19	-21	-11
-3	-1	-4	-8	-5	-5	-4	-4	4	-1	-11	-11	5	15	8	4	3	3	3	1	0
8	6	-6	-11	-7	-6	-14	-14	-18	-10	-4	-1	-5	-12	-9	-1	-1	6	10	7	6
6	4	8	7	-4	-9	5	5	22	38	30	20	12	5	9	18	14	14			

ITW338 70.C10.0 LYtle CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
 STATION NO. 274 HALL OF RECORDS, SAN BERNARDINO, CAL. COMP EAST 34 06 20N, 117 17 04W
 INSTR PERIOD = 0.052 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -57.5 CM/SEC/SEC AT 0.94 SEC VELO = -3.1 CM/SEC AT 1.04 SEC DISP = 1.7 CM AT 21.38 SEC

INITIAL VELO = 0.25059 CM/SEC INITIAL DISP = 0.49414 CM
 1476 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-67	-77	-141	-250	-279	-265	-159	26	189	274	261	193	106	-7	-204	-331	-283	-66	212	364
360	263	20	-323	-482	-339	-57	157	239	211	53	-80	7	227	315	213	-136	-476	-439	-18
391	506	489	372	50	-290	-526	-575	-463	-374	-347	-232	45	341	552	469	59	-226	-348	-400
-354	-158	105	323	471	476	281	-95	-463	-485	-218	99	329	378	272	62	-109	-154	-60	32
-12	-158	-283	-250	2	306	432	348	124	-29	-86	-109	-100	-110	-63	28	54	11	-9	-6
-40	-85	-59	-42	96	200	229	269	253	168	56	-61	-269	-450	-420	-209	2	204	335	275
165	-10	-157	-161	-165	-210	-209	-149	-20	109	169	164	126	62	-42	-82	3	60	45	32
49	88	124	148	105	27	-5	-4	-12	-20	59	141	151	105	0	-129	-192	-199	-163	-89
-21	25	68	117	154	149	80	-10	-90	-123	-119	-107	-78	-76	-85	-94	-100	-59	25	85
61	37	61	92	100	95	85	52	39	43	36	-6	-64	-93	-26	58	95	124	94	10
-38	-55	-51	-51	-71	-62	-10	-7	-34	-25	14	52	62	34	0	1	17	1	-10	-4
-39	-90	-113	-101	-45	20	59	70	45	-3	-50	-90	-96	-71	-25	30	55	78	94	57
-23	-55	-41	10	23	10	6	44	100	115	-76	19	-40	-70	-74	-66	-52	-17	51	126
138	95	56	15	-45	-94	-129	-110	-59	-25	-26	-50	-96	-89	-36	-3	0	-12	-32	-38
-21	8	26	48	81	116	122	94	52	11	-28	-47	-50	-52	-76	-85	-62	-12	25	30
-22	-78	-87	-59	-17	13	39	71	95	153	183	155	102	50	14	-42	-110	-128	-96	-40
-1	8	3	19	53	51	-8	-52	-52	-30	-10	15	49	68	65	26	-28	-67	-80	-79
-52	-26	-26	-7	31	57	67	45	4	-40	-78	-98	-91	-40	-1	6	9	10	36	77
103	102	103	108	114	138	165	151	111	58	20	-25	-67	-130	-125	-95	-50	-30	-37	-59
-79	-100	-109	-86	-63	-58	-57	-56	-29	5	36	39	15	2	19	39	21	-5	-7	5
27	42	39	24	-8	-45	-65	-58	-55	-33	-40	-45	-45	-54	-60	-58	-65	-58	-28	12
44	58	60	65	59	42	14	-15	-21	6	40	52	38	15	0	8	20	19	-8	-30
-35	-41	-59	-68	-55	-32	-2	33	56	50	26	12	8	11	25	31	17	18	31	21
1	-4	4	36	51	28	-4	-11	-23	-44	-62	-64	-56	-27	6	59	119	152	159	146
105	51	-9	-43	-60	-57	-36	4	54	60	13	-49	-101	-138	-154	-150	-130	-103	-79	-74
-71	-50	-42	-44	-35	-24	-36	-45	-38	1	47	81	109	111	93	64	54	74	101	101
97	88	65	38	6	-24	-43	-53	-57	-67	-66	-49	-47	-73	-102	-118	-107	-64	-63	-41
-24	14	61	97	103	88	63	37	33	28	-6	-40	-53	-52	-48	-40	-12	9	8	-3
-29	-53	-63	-50	-14	8	23	29	28	37	51	57	46	39	52	73	76	63	39	11
11	29	30	17	11	-15	-54	-71	-74	-74	-71	-60	-43	-31	-27	-33	-38	-43	-42	-33
-33	-43	-43	-30	-4	30	61	94	102	104	116	131	127	93	56	38	31	29	15	-11
-32	-32	-21	-12	-19	-35	-46	-84	-126	-132	-121	-92	-61	-54	-50	-27	7	21	23	13
1	2	13	18	15	5	-8	-17	-15	-21	-121	-92	-61	-54	-50	-27	7	21	23	13
24	10	20	45	70	81	77	82	88	84	73	63	56	50	2	-53	-83	-90	-83	-65
-52	-40	-14	8	-7	-43	-69	-80	-74	-56	-34	-18	6	32	37	37	37	42	43	36
26	27	31	26	10	-23	-43	-29	-13	-19	-15	-6	-1	10	26	49	69	77	78	77
73	61	42	14	-8	-15	-12	0	5	-11	-29	-25	-24	-24	-20	-10	0	8	14	18
24	45	56	55	49	42	20	-8	-21	-27	-17	-12	-9	-14	-21	-23	-23	-24	-24	-24
-20	-8	13	55	44	35	17	7	12	20	15	-2	-27	-40	-47	-46	-40	-36	-36	-24
-3	4	-6	-17	-12	11	28	35	35	34	27	16	16	23	17	7	-3	-3	5	1

-12	-26	-34	-33	-34	-46	-57	-49	-51	-22	-27	-26	-16	-1	16	25	15	21	38	43
37	28	37	53	42	18	4	6	29	51	40	23	27	43	48	45	32	12	-1	0
-1	-13	-20	-16	-9	-2	8	18	15	9	-4	-26	-33	-23	-17	-21	-19	-8	7	22
25	19	29	45	50	37	16	-1	-11	-15	-9	2	4	-3	-10	-21	-34	-37	-28	-28

-31	-29	-19	3	23	31	36	34	25	23	24	21	6	-6	-2	-12	-24	-20	-10	-8
-11	-5	5	3	0	-7	-20	-23	-20	-25	-33	-30	-24	-16	-15	-17	-13	-21	-37	-46
-40	-28	-22	-15	-1	18	35	40	51	43	30	28	23	28	41	40	30	37	50	44
21	-2	-5	-13	-25	-37	-41	-46	-44	-32	-20	-20	-20	-10	-5	10	37	39	26	15
9	11	15	17	13	4	-6	-8	5	13	5	-8	-24	-30	-21	-13	-16	-17	-17	-12
0	20	39	47	39	26	19	23	33	47	50	47	29	17	14	12	12	8	5	8
13	14	10	20	26	29	28	20	1	-26	-40	-43	-40	-20	-30	-30	-36	-31	-40	-49
-51	-47	-47	-38	-23	-39	-52	-42	-13	0	-10	-33	-27	-14	4	15	13	7	6	9
18	21	14	15	29	35	20	10	14	18	11	-10	-15	1	15	15	11	12	14	7
1	-8	-20	-31	-32	-32	-34	-42	-54	-71	-73	-66	-55	-39	-28	-31	-32	-25	-22	-28
-22	-16	-13	-16	-12	-6	-1	3	11	25	32	32	20	15	-2	-14	-17	-8	9	23
29	29	23	14	13	24	31	34	38	42	42	41	30	27	17	10	5	9	-1	-4
-6	-11	-14	-19	-23	-24	-33	-39	-39	-39	-39	-39	-42	-40	-43	-30	-25	-20	-17	-3
18	21	9	-4	-10	-11	-11	-9	-8	-9	-12	-8	-4	-4	-1	4	6	14	21	26
27	23	18	14	9	8	10	3	-8	-4	5	10	22	21	10	-1	-18	-28	-27	-12
-1	-6	-9	-3	-14	-28	-27	-16	-18	-22	-22	-21	-13	3	22	34	32	27	23	21
22	22	19	14	14	14	13	1	-11	-8	-4	-2	-8	-15	-13	-10	-6	-3	-4	-8
-15	-20	-19	-14	-10	-24	-27	-18	0	13	23	26	23	20	32	43	46	41	30	29
18	2	0	8	-4	-2	14	21	16	8	3	0	-2	-3	0	15	15	6	-7	-2
12	7	-3	-8	-13	-18	-22	-19	-15	-15	-15	-12	-3	8	17	16	14	20	21	16
1	-6	5	18	20	11	8	10	12	11	5	11	13	3	-11	-21	-26	-26	-22	-17
-14	-14	-15	-15	-15	-11	0	12	17	14	15	16	13	22	22	25	27	17	-22	9
9	5	11	25	29	18	4	2	6	5	0	-13	-29	-28	-22	-16	-15	-25	-35	-30
-25	-22	-20	-11	-3	-3	-10	-17	-21	-17	-7	0	8	16	26	29	23	32	46	47
46	43	38	27	14	9	6	10	19	20	21	21	20	15	8	-3	-4	9	19	21
22	9	-11	-22	-27	-22	-8	4	5	10	1	-10	-4	2	-3	-18	-30	-34	-36	-30
-24	-24	-26	-16	-6	-11	-24	-27	-13	0	-12	-14	-12	-11	-10	-9	-5	0	3	5
13	21	27	33	35	30	21	13	15	28	38	43	42	42	39	25	8	6	8	6
1	-4	-8	-8	-1	4	10	13	9	4	0	-1	-1	-4	-15	-31	-48	-53	-44	-38
-36	-44	-50	-47	-39	-28	-21	-30	-40	-46	-43	-32	-22	-10	-17	-18				

IIW338 70.0LO.0
STATION NO. 274
INSTR PERIOD = 0.051 SEC DAMPING = 0.591
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PSI
HALL OF RECORDS, SAN BERNARDINO, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 34 16 12N, 117 32 24W
CUMP DURN 34 06 20N, 117 17 04W

PEAK VALS ACCLN = -52.5 CM/SEC/SEC AT 1.36 SEC VELU = -1.8 CM/SEC AT 0.34 SEC DISP = 1.5 CM AT 26.02 SEC

INITIAL VELU = 0.30527 CM/SEC INITIAL DISP = 0.08231 CM
1477 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

53	-191	-259	-197	11	182	244	202	112	-36	-153	-121	-67	-133	-186	-236	-254	-20	323	404
338	203	8	-172	-221	-159	33	237	140	83	-99	-280	-281	-23	190	57	-154	-97	94	201
248	186	102	14	-115	-261	-347	-309	-140	42	184	252	286	315	279	33	-183	-212	-198	-129
-137	-109	159	346	377	293	-119	-489	-525	-381	-125	114	260	278	205	94	57	119	148	78
-61	-132	-167	-142	-6	135	171	109	36	-73	-190	-194	-101	9	59	67	59	-26	-73	-11
-7	-33	8	71	52	-6	-32	26	40	-53	-109	-97	-75	-26	58	86	20	2	52	101
109	36	-39	-103	-140	-119	-67	-34	-4	35	34	32	55	61	68	72	-14	-106	-101	-45
30	45	59	89	86	60	-1	-94	-141	-155	-122	-26	75	139	134	47	-47	-73	-64	-47
1	14	-35	-45	-27	0	27	43	37	-12	-61	-67	-36	11	22	-20	-26	11	47	63
73	48	-2	-44	-55	-36	5	19	-20	-60	-56	7	86	80	-1	-30	1	17	24	31
-14	-46	-47	-57	-44	10	60	53	-17	-83	-73	4	46	53	31	-13	-33	-39	-58	-73
-52	-58	-68	-38	-16	-8	36	63	39	3	-24	-7	22	42	26	13	28	24	-4	-21
-35	2	50	62	51	18	-12	-10	8	27	33	43	12	-22	-24	-12	23	62	68	48
15	-32	-67	-73	-70	-59	-24	19	49	66	46	9	-26	-57	-61	-39	4	34	7	-38
-47	-34	-2	25	36	22	8	11	21	35	43	36	15	5	13	27	37	56	58	13
-25	-22	21	56	35	-8	-30	-22	13	40	25	-11	-44	-38	-12	1	-4	1	29	54
57	44	29	31	22	-13	-54	-65	-56	-40	-14	-1	-12	-32	-55	-54	-24	-16	-38	-44
-23	0	4	-12	-28	-35	-27	-7	-11	-23	-40	-40	-42	-8	34	42	46	57	42	0
-18	-17	-2	26	52	42	27	24	17	13	14	24	24	15	18	21	21	30	17	-26
-28	-9	-6	-14	-31	-53	-68	-67	-45	-28	-17	9	36	40	33	15	6	41	66	51
18	-3	-1	12	6	-6	-1	12	14	5	6	2	-11	-18	-7	12	26	41	39	26
26	26	-1	-28	-31	-18	-1	11	25	20	13	27	13	-10	-18	-27	-17	-5	-19	-26
-23	-14	-6	4	27	45	37	14	3	0	0	7	11	12	19	32	31	20	3	-7
-5	9	26	31	23	12	8	-2	-16	-5	-4	-12	-17	-28	-51	-69	-65	-50	-35	-34
-41	-38	-20	-2	25	42	33	17	15	28	39	37	17	-15	-25	-4	23	35	24	-9
-31	-27	-7	12	23	13	-4	-14	-19	-12	-3	11	29	34	39	41	34	24	24	28
3	-6	-17	-51	-77	-85	-75	-53	-41	-44	-47	-44	-33	-22	6	23	20	18	22	28
50	73	70	43	26	16	17	5	-8	-19	-8	0	0	10	21	19	18	24	9	-10
-16	-12	-18	-7	7	16	17	11	-12	-18	-23	-12	7	8	9	1	-19	-32	-33	-22
-8	2	4	-1	0	5	13	10	8	18	26	25	18	11	-8	-14	-20	-40	-44	-31
-17	-13	-17	-21	-25	-23	-6	10	14	19	21	6	-13	-27	-18	4	3	-16	-10	7
8	5	9	0	-19	-17	9	25	28	24	15	20	35	31	12	-1	4	8	-2	-6
0	10	13	2	4	0	-18	-25	-14	-3	-1	25	35	18	3	-3	5	18	18	-1
-10	6	33	39	34	24	9	-9	-23	-29	-29	-23	-8	-1	-3	4	1	-15	-34	-46
-52	-56	-53	-42	-47	-51	-38	-29	-29	-20	5	14	5	-3	-10	-11	-4	7	23	35
35	36	34	13	-19	-31	-23	-10	0	-1	-1	-2	-8	-22	-32	-31	-30	-33	-30	-38
-41	-26	-9	0	-3	-11	-9	-1	-1	-12	-21	-23	-23	-11	8	12	-3	-12	-11	1
10	10	15	16	4	0	-1	-19	-26	-6	19	23	9	-7	-11	12	2	-2	1	17
34	40	38	32	30	49	55	35	18	23	34	35	25	12	7	11	5	4	12	-1
-19	-22	-8	0	2	15	21	17	7	-2	-14	-21	-16	-10	-15	-17	-22	-25	-24	-29
-16	2	0	-19	-33	-29	-10	11	18	10	5	5	5	7	13	18	27	26	12	1
5	19	29	16	11	21	24	24	31	34	30	23	21	18	8	-9	-24	-28	-18	-6
-8	-18	-25	-25	-25	-21	-22	-17	-10	-4	6	-7	-23	-13	5	15	17	19	22	16
-1	-15	-8	2	11	10	1	2	6	1	7	3	-8	-6	-4	-12	-5	7	4	-11

-7	7	16	11	10	7	0	4	2	-4	-5	-5	-9	-18	-35	-39	-31	-25	-26
-24	-6	10	10	-4	-8	-5	8	14	9	14	12	31	25	16	-6	-20	-8	-2
-4	-18	-5	-5	7	-3	1	-3	3	12	12	11	3	-15	-20	-4	7	20	27
22	5	-4	-6	-6	20	13	20	26	22	10	2	-11	-22	-26	-13	4	9	8
7	7	5	3	14	28	28	10	1	-3	-11	-2	4	-20	-23	-26	-35	-24	-10
-9	-16	-22	-16	-2	9	8	-4	-12	-6	9	13	4	-4	-13	-22	-21	-6	4
0	-9	-22	-31	-24	-9	-6	-7	-10	-16	-5	6	8	35	37	26	12	2	3
12	18	12	5	13	20	16	16	20	21	21	21	21	21	24	28	27	23	17
14	19	24	13	-3	-15	-13	-7	-5	-17	-26	-32	-25	-3	-8	-19	-12	-12	-24
-13	-2	1	-3	-7	-7	-8	-12	-15	-13	-10	-14	-17	-15	-22	-21	-14	-4	-3
-9	-2	12	29	33	25	21	25	19	12	18	23	16	18	28	34	34	34	28
13	3	2	2	2	2	2	0	-7	-19	-25	-13	-11	-15	-15	-12	-6	0	6
8	3	-3	-4	0	3	9	11	5	11	16	12	6	2	-4	0	11	19	11
10	8	5	10	13	17	15	11	11	11	10	3	-4	1	9	10	12	4	2
10	8	-2	-10	-8	0	7	8	4	1	2	5	8	7	10	13	11	1	-8
-10	-2	12	17	11	-2	-9	-11	-6	-7	-10	-7	5	-4	-3	-1	-5	-8	-8
-8	-9	-9	-7	-3	-1	-4	-14	-19	-13	0	10	-3	-14	-9	0	14	22	19
14	13	10	6	6	10	12	9	9	14	15	15	14	9	-9	-11	-6	1	8
11	3	-7	-15	-21	-12	-1	-2	-5	-13	-14	-6	-7	-16	-6	12	9	-1	-13
-30	-30	-17	-9	-8	-17	-21	-15	-8	-10	-10	-10	-18	-23	-15	-1	4	-8	-17
-12	-5	2	6	8	7	7	7	8	13	16	10	-4	-13	-24	-16	-10	-11	-11
-14	-22	-27	-28	-33	-34	-26	-20	-25	-26	-25	-20	-14	-13	-23	-19	-12	-12	-15
-9	-3	-9	-13	-8	0	-4	-13	-12	-7	-3	-1	-4	0	15	10	9	10	10
10	11	10	3	-10	-21	-18	-12	-12	-5	-7	-15	-18	-15	-3	3	8	10	4
4	17	20	16	14	9	-2	-13	-15	-8	-3	-5	-17	-22	-13	-10	-5	-1	-3
-12	-14	-8	4	10	6	4	4	8	12	11	4	-3	-6	3	12	7	5	6
13	21	17	10	9	13	15	7	3	14	20	5	-8	-8	-6	-1	9	18	24
26	23	18	12	9	15	20	16	7	0	0	4	8	12	14	10	8	13	19
11	0	-9	-12	-9	-1	11	14	14	15	16	19	13	9	4	5	5	4	6
14	14	8	17	21	21	26	29	29	29	26	19	14	7	7	11			

11W339 70.009.0 LYLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
STATION NO. 113 SOUTHERN CALIFORNIA EDISON COMPANY, CULION, CAL. COMP SOUTH 34 03 34N, 117 18 45W
INSTR PERIOD = 0.065 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -40.2 CM/SEC/SEC AT 0.04 SEC VELU = -2.6 CM/SEC AT 0.54 SEC DISP = -0.9 CM AT 4.24 SEC

INITIAL VELO = 0.92355 CM/SEC INITIAL DISP = 0.43839 CM
2102 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-212	-356	-402	-391	-287	-107	99	186	120	36	15	106	273	370	300	122	-43	-98	-75	-53
-41	-52	-101	-230	-388	-370	-242	-43	230	359	328	209	50	-61	-127	-177	-157	-106	-58	16
145	222	161	92	78	88	107	115	75	-10	-77	-118	-162	-207	-148	62	307	391	241	41
-81	-130	-256	-206	-139	-92	-46	-17	-2	-6	-22	-37	-24	58	146	114	-28	-139	-135	-24
135	223	214	144	5	-149	-194	-152	-106	-41	43	108	163	197	167	55	-104	-238	-315	-321
-213	0	199	280	263	211	170	137	65	-88	-286	-378	-295	-114	37	149	199	201	182	144
104	67	0	-98	-202	-240	-194	-127	-76	-39	5	42	12	-20	55	143	169	149	117	105
111	73	-39	-101	-59	12	-7	-101	-139	-130	-69	80	215	262	178	80	-33	-206	-192	-58
21	57	73	56	27	41	92	129	125	50	-66	-149	-172	-100	34	108	113	20	-86	-98
-43	14	19	-10	-37	-36	5	30	24	19	6	0	6	18	33	54	84	117	86	-60
-162	-161	-83	10	55	56	9	-50	-93	-72	31	129	160	140	116	97	73	39	-10	-59
-91	-75	-24	11	14	-7	-40	-55	-24	24	37	41	59	77	66	33	14	8	-17	-79
-151	-225	-252	-187	-80	27	105	143	159	160	155	149	139	106	70	51	30	2	-38	-84
-123	-121	-73	-21	23	50	59	56	49	39	6	-54	-114	-152	-164	-122	-51	17	96	145
120	44	-27	-80	-74	-73	-46	-13	19	67	115	129	108	64	-28	-108	-131	-127	-108	-93
-96	-96	-49	86	214	257	236	155	48	-21	-13	26	17	-46	-114	-153	-164	-138	-95	-72
-60	-41	-11	49	108	121	78	9	-42	-66	-76	-75	-61	-40	-28	-18	-1	24	45	59
64	62	67	81	96	115	100	31	-39	-95	-162	-192	-132	-65	-7	62	96	106	102	49
-32	-84	-97	-86	-76	-80	-84	-67	-19	35	63	39	0	-7	8	26	39	48	56	62
59	28	-43	-109	-140	-138	-114	-58	12	52	70	75	72	61	39	20	20	35	43	38
26	25	38	44	14	-49	-96	-79	-15	26	23	-2	-30	-44	-33	-4	17	10	-4	-17
-32	-46	-40	-3	35	53	32	0	0	19	39	46	33	-12	-59	-74	-69	-57	-37	-18
-12	-7	4	35	93	132	98	30	-29	-82	-102	-91	-69	-44	-31	-22	1	32	67	68
14	-38	-51	-38	-23	-27	-46	-51	-34	-5	16	21	18	8	-1	-14	-8	32	61	55
33	11	0	7	18	34	56	69	63	38	13	-11	-31	-50	-85	-116	-102	-62	-20	19
43	53	00	65	67	56	31	-2	-35	-42	-26	-31	-47	-34	-42	-11	24	52	45	16
4	2	4	-1	-30	-61	-67	-46	-6	25	43	57	58	51	53	58	53	24	-17	-44
-55	-57	-42	-21	-5	7	10	-2	-14	-10	-1	3	-3	-24	-34	-29	-17	1	22	31
28	21	17	27	38	42	44	33	18	3	-30	-26	-31	3	-4	-30	-29	5	37	58
70	61	40	15	-28	-47	-56	-32	-34	-42	-41	-24	-4	10	16	18	14	9	0	-7
-7	-5	7	26	41	32	1	-24	-41	-54	-65	-75	-78	-70	-50	-4	39	56	60	55
48	43	30	2	-19	-15	2	3	-19	-31	-19	0	2	-10	-10	26	67	74	45	11
-6	-10	-6	-3	-12	-28	-35	-31	-14	26	43	30	0	-20	-23	-17	-12	-5	5	17
17	-5	-33	-35	-2	38	43	26	11	-3	-13	-6	11	17	-9	-50	-60	-13	38	22
-30	-64	-69	-45	-4	14	6	-2	3	14	17	11	0	-5	1	8	14	23	29	33
34	30	22	12	7	14	25	34	34	25	2	-6	6	23	30	15	-11	-27	-32	-33
-33	-32	-22	-3	22	45	52	27	-6	-22	-22	-17	-17	-25	-36	-41	-36	-17	6	14
9	-3	-14	-23	-33	-36	-27	-8	19	41	44	29	5	-19	-18	2	16	22	25	27
26	25	17	6	14	31	35	24	12	2	-7	-12	-18	-22	-22	-18	-7	4	6	-6
-19	-22	-15	-9	-5	-7	-11	-14	-18	-24	-30	-29	-19	-10	-4	-6	-10	-14	-16	-7
14	31	34	26	12	-1	-10	-12	-1	15	25	15	1	-4	3	11	15	17	19	24
33	34	29	26	22	17	14	15	19	18	4	-11	-16	-20	-27	-35	-46	-54	-50	-19
22	31	17	-2	-10	-1	9	11	10	5	-5	-18	-30	-34	-26	-10	-1	0	-7	-18
-27	-35	-42	-53	1	31	30	19	16	20	19	11	1	-6	-8	-7	-4	3	12	17

16	12	2	-9	-12	-5	7	16	21	25	26	26	26	26	26	22	17	5	-10	-23	-27	-10
13	14	-2	-13	-9	7	18	17	7	1	2	3	3	3	3	2	6	3	-11	-19	-15	-5
-3	0	5	10	11	9	4	-1	-5	-7	-10	-13	-16	-16	-16	-15	-8	2	3	-2	-4	8
17	17	10	6	4	3	3	2	3	3	4	3	-1	-1	-1	-1	5	10	20	22	16	3
-9	-10	4	21	25	10	-9	-17	-16	-9	0	3	0	0	0	-4	-6	-7	-6	-5	-2	3
9	8	-4	-14	-17	-13	-8	-4	1	2	1	-4	-13	-13	-13	-16	-12	-3	6	5	1	1
5	8	10	7	2	-2	2	10	18	21	20	13	2	2	2	-8	-14	-18	-11	4	7	-7
-17	-19	-16	-14	0	17	7	-2	-13	-3	7	7	-2	7	7	-11	-17	-24	-30	-29	-12	10
15	2	-17	10	0	7	1	-12	-13	-8	-4	0	1	0	0	0	0	-2	-6	-8	-3	4
13	19	20	13	-1	-11	-14	-15	-14	-13	-2	17	29	29	29	22	2	-7	-2	6	4	-10
-19	-17	-8	0	3	4	2	-5	-14	-19	-20	-17	-11	-11	-11	-8	-9	-12	-8	10	19	17
7	-7	-14	-4	12	18	17	13	7	7	13	11	3	3	3	-3	-7	-12	-3	-2	-8	-13
-12	-3	5	7	-2	-10	-9	-2	5	7	1	-7	-13	-13	-13	-12	-5	-1	-1	-6	-9	-15
-17	-20	-16	-6	7	17	18	15	9	3	-2	-5	-7	-7	-7	-7	-3	5	5	5	6	9
6	-1	-1	5	10	11	11	10	4	-3	-5	2	16	16	16	22	21	13	2	-2	-2	-2
0	-2	-13	-24	-23	-14	-5	1	0	-5	-13	-21	-24	-24	-24	-15	-1	7	7	0	-9	-14
-11	-11	-12	-11	-11	-8	-1	10	26	34	29	20	11	11	11	1	-8	-10	-10	-10	-10	-5
8	21	26	25	22	18	11	2	-3	-5	-7	-7	-5	-5	-5	-3	-3	-2	-1	-5	-8	-12
-15	-9	6	12	0	-15	-26	-26	-15	-1	9	14	17	17	17	16	14	11	10	10	6	0
0	5	10	13	12	9	6	1	2	5	7	7	1	1	1	-5	-8	-12	-16	-14	-9	-3
0	1	1	-2	-9	-14	-13	-6	2	3	-1	0	10	10	10	15	14	9	6	12	18	16
12	10	6	1	-4	-6	-6	-4	3	13	18	11	0	0	0	-2	1	12	16	5	-7	-17
-20	-10	3	6	-4	2	-1	-4	-5	-1	7	15	19	19	19	18	7	-5	-6	4	16	20
17	8	-2	-7	-7	-5	-4	-2	1	2	1	0	-1	-1	-1	-2	-4	-9	-16	-20	-20	-15
-5	1	1	1	1	0	-1	-4	-7	-8	-7	-4	0	0	0	4	3	-2	-4	-6	-7	-2
-3	1	6	12	13	13	10	7	8	9	4	-1	-5	-5	-5	-5	-2	3	12	11	2	-2
-1	7	12	6	-4	-10	-9	-6	-5	-4	-2	-1	-4	-4	-4	-7	-7	-5	-7	-11	-15	-15
-14	-12	-10	-7	-5	-5	-6	-8	-6	-4	-1	1	4	4	4	4	2	-1	-6	-9	-7	-1
9	18	21	18	9	8																

IIW339 70.009.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
STATION NO. 113 SOUTHERN CALIFORNIA EDISON COMPANY, COLTON, CAL. CUMP EAST 34 03 34N, 117 18 45W
INSTR PERIOD = 0.066 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -35.4 CM/SEC/SEC AT 0.98 SEC VELO = -1.9 CM/SEC AT 0.50 SEC DISP = -0.7 CM AT 30.84 SEC

INITIAL VELO = -0.16477 CM/SEC INITIAL DISP = 0.22499 CM

2102 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-164	-136	-113	-57	16	60	127	221	252	179	39	-44	-65	-81	-109	-183	-223	-48	151	208
102	-106	-272	-330	-290	-142	143	346	353	269	176	124	84	28	-60	-165	-258	-316	-278	-152
57	245	274	205	150	133	42	-148	-318	-354	-240	-60	134	246	235	125	-43	-160	-221	-230
-136	-4	113	176	136	25	-49	-25	69	168	205	154	46	-68	-136	-94	14	112	177	212
182	22	-147	-239	-250	-203	-179	-183	-88	54	111	94	61	18	1	27	62	87	79	21
-43	-83	-2	129	186	58	-149	-252	-279	-228	-102	6	93	165	172	164	203	248	223	88
-81	-173	-191	-175	-130	-86	-11	39	-34	-109	-26	98	156	147	102	54	-20	-101	-129	-54
51	81	48	16	1	-9	-23	-40	-70	-108	-131	-107	-29	39	49	42	85	141	141	77
-20	-104	-129	-50	71	153	175	139	56	-43	-99	-110	-85	-27	45	96	126	130	95	35
-44	-99	-105	-102	-114	-100	-63	-39	-23	-7	29	85	135	99	18	-49	-97	-97	-15	64
85	80	67	50	14	-28	-49	-50	-38	-22	-10	-10	-9	22	51	63	82	100	98	57
-43	-131	-156	-116	-55	-29	-18	8	26	-1	-37	-67	-87	-108	-67	45	151	213	230	166
-10	-185	-269	-286	-250	-168	-43	104	163	159	166	189	201	167	112	56	0	-66	-115	-119
-112	-126	-150	-126	-21	80	117	85	25	-17	-34	-33	-22	-5	10	-7	-30	-13	26	70
107	143	142	74	-50	-104	-119	-100	-68	-21	26	38	26	12	16	58	108	147	145	110
41	-59	-115	-131	-140	-139	-120	-66	-7	27	24	-5	-31	-57	-84	-108	-106	-72	6	96
144	157	131	67	1	-69	-126	-139	-117	-86	-26	55	102	98	56	17	1	6	23	39
52	62	64	56	40	4	-45	-89	-108	-70	-5	47	82	87	63	27	-7	-41	-71	-95
-84	-32	-1	11	19	17	19	45	69	25	-69	-131	-153	-139	-67	42	120	148	145	116
58	-29	-106	-157	-161	-129	-79	-14	77	162	213	213	156	54	-47	-105	-124	-103	-75	-56
-33	0	37	54	46	14	-35	-76	-67	-16	49	87	64	16	-27	-59	-73	-58	-26	4
34	59	79	83	60	29	4	-30	-55	-41	0	33	46	47	40	30	22	15	0	-23
-49	-67	-61	-41	-34	-36	-46	-67	-81	-74	-37	13	68	123	143	129	80	19	-18	-56
-95	-88	-44	-12	11	42	72	77	63	37	6	-20	-34	-28	-8	11	24	27	19	11
2	-5	1	18	25	16	-5	-26	-47	-63	-71	-62	-36	-19	-15	-2	15	24	24	20
7	-14	-28	-28	-20	-17	-17	-18	-21	-8	19	38	33	12	-3	-1	10	14	11	10
25	49	61	45	28	21	9	-21	-61	-92	-96	-79	-56	-36	-18	1	24	42	55	67
62	38	15	-1	-14	-24	-37	-45	-43	-38	-34	-31	-33	-38	-37	-23	1	44	85	96
84	59	28	-1	-20	-33	-35	-15	7	24	30	22	10	2	-3	-9	-14	-20	-26	-31
-36	-45	-50	-36	-3	15	15	8	-5	-18	-14	0	-6	-29	-45	-44	-35	-32	-28	-19
1	38	59	44	18	9	20	26	15	-9	-18	-13	7	29	30	22	15	10	6	-5
-26	-29	-14	-3	4	9	8	-6	-16	-11	-3	5	14	32	53	66	58	32	-7	-31
-36	-41	-44	-43	-23	6	23	24	21	29	41	45	45	33	12	-4	-15	-27	-39	-33
-11	9	23	31	28	14	-13	-39	-44	-38	-39	-48	-54	-43	-8	24	23	12	18	31
38	35	20	8	12	15	0	-25	-49	-56	-34	-4	7	0	-7	-1	17	34	51	38
7	5	20	34	41	27	6	-3	-8	-13	-18	-20	-12	7	14	6	-12	-21	-33	-35
-24	-13	-8	-5	-7	-6	-12	1	2	-1	-4	-12	-22	-32	-31	-20	-12	0	13	26
36	36	29	16	2	-3	-6	-16	-30	-40	-38	-27	-25	-18	-3	6	7	4	5	14
31	46	49	48	36	9	-15	-23	-23	-22	-21	-13	3	12	5	-10	-16	-12	-2	9
8	-3	-14	-20	-22	-18	6	34	43	36	19	-5	-28	-38	-21	3	17	24	25	21
13	4	-2	-6	-10	-10	-5	2	8	11	-2	-28	-34	-27	-18	-4	17	34	35	15
-3	-4	2	10	16	22	24	23	21	13	2	-9	-9	8	24	24	12	-4	-18	-23
-22	-27	-31	-15	8	15	6	-3	-9	-21	-34	-27	-7	7	15	19	15	1	-4	7
19	17	8	7	15	15	-3	-26	-32	-15	8	14	6	1	7	16	19	19	13	1

IIW339 70.009.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
 STATION NO. 113 SOUTHERN CALIFORNIA EDISON COMPANY, CULTON, CAL. COMP UP 34 03 34N, 117 18 45W
 INSTR PERIOD = 0.066 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -33.6 CM/SEC AT 0.64 SEC VELO = -1.3 CM/SEC AT 0.68 SEC DISP = 0.7 CM AT 37.72 SEC

2100 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELD = -0.46075 CM/SEC										INITIAL DISP = -0.11584 CM									
101	93	119	145	70	-55	-88	-21	7	-38	-83	-75	-10	-14	-21	169	321	246	-50	-270
-205	-64	-7	-58	-72	-53	-21	54	144	135	-68	-291	-336	-137	129	296	309	164	-93	-188
-82	-11	61	160	166	126	-5	-231	-187	83	185	45	-121	-92	3	1	-52	-27	60	123
161	187	142	-50	-228	-330	-289	-42	189	274	220	95	-36	-112	-83	13	85	95	12	-137
-249	-224	-67	137	311	288	81	-73	-167	-252	-250	-140	-36	7	26	117	132	-31	-45	112
175	98	-24	-87	-46	18	89	196	218	38	-169	-177	-83	24	24	51	12	-94	-142	-66
5	-2	-53	-119	-168	-143	-77	29	131	170	125	-14	-124	-83	18	100	143	138	109	60
-12	-100	-101	9	86	83	8	-60	-14	41	18	-26	-61	-87	-94	-19	89	152	98	-38
-134	-173	-155	-24	141	220	116	-41	-84	-41	13	33	34	31	19	-4	-41	-27	67	155
162	30	-144	-201	-168	-90	-53	-28	15	37	42	42	7	-53	-39	18	59	54	3	-36
-27	7	26	36	35	2	-36	-80	-58	35	84	84	67	66	74	33	-8	-6	6	5
-11	-30	-8	28	9	-26	-52	-78	-103	-124	-135	-108	-42	3	40	57	64	122	108	-26
-150	-162	-82	46	133	83	25	26	32	33	21	4	-23	-44	-23	29	23	27	-29	-59
-41	-5	22	52	48	-11	-59	-33	12	44	60	26	-30	-63	-47	-38	-60	-48	-12	-5
-18	-4	36	18	-27	-26	8	33	25	-7	-23	-21	-4	25	72	95	65	31	-12	-70
-76	-22	26	38	41	33	-2	-41	-63	-13	42	-19	-120	-159	-94	-17	17	43	38	0
-30	-25	4	14	3	-5	1	9	5	30	72	88	76	53	17	-11	5	35	34	10
2	47	36	-34	-64	-47	-17	-9	-21	-29	-26	-21	-13	-2	-5	-16	-13	10	14	-24
-52	-28	10	30	43	37	7	-25	-36	-9	18	10	-9	-20	-17	7	39	45	22	0
-17	-38	-42	-14	12	20	16	5	-5	-8	-6	-1	12	36	51	25	-8	-4	2	5
34	65	41	-4	-36	-36	-7	13	24	15	-16	-54	-58	-27	7	32	38	27	8	-9
-22	-18	15	35	11	-25	-56	6	105	129	89	26	-25	-55	-60	-27	23	42	15	-7
-8	2	-1	-9	1	3	-13	-23	-17	1	16	18	5	-16	-26	-3	23	14	-15	-24
-8	5	16	31	26	-4	-27	-23	-7	7	20	28	14	-8	-13	4	21	14	-6	-33
-46	-21	5	24	53	47	22	9	-9	-34	-51	-45	-14	9	16	23	13	-17	-32	-13
18	33	18	-3	-18	-23	7	53	71	47	16	-6	-37	-57	-19	36	64	39	1	-3
8	-5	-40	-46	-28	-21	-21	-16	-9	1	12	15	2	-9	-6	18	20	-8	-21	-16
-3	20	27	10	-6	-10	-3	9	23	34	19	-8	-21	-17	11	29	14	3	1	-3
-18	-26	-18	4	22	28	25	15	-3	-31	-51	-20	20	8	-4	8	27	19	-16	-21
-9	-10	-22	-23	-12	-3	0	-5	-13	-21	-7	21	30	22	9	5	-8	-16	4	18
11	-7	-12	-9	-10	-16	-19	-12	-3	1	-2	-9	-18	-31	-34	-7	7	-5	-12	-11
-9	-8	-19	-27	-12	25	34	10	-1	6	14	15	11	7	11	16	16	18	23	23
12	-7	-19	-17	-1	14	10	-9	-24	-32	-30	-20	-4	10	5	-10	-20	-25	-25	-24
-25	-24	-19	-6	22	27	-6	-34	-39	-21	11	41	35	-3	-27	-9	31	45	22	-13
-18	13	33	21	-3	-7	11	17	9	-3	-15	-22	-11	13	22	2	-17	-3	15	14
6	1	-2	-8	-17	-21	-21	-16	-9	-5	-2	6	16	14	-9	-23	-4	14	-8	-20
10	35	40	36	27	8	-5	15	25	3	-10	-14	-25	-31	-18	6	18	15	2	-12
-23	-28	-15	0	-1	-7	-4	6	9	-1	-11	-14	-13	-5	17	35	21	-5	-22	-14
4	14	24	28	13	-10	-25	-24	-12	-5	-7	-18	-25	-12	8	21	23	8	-10	-23
-24	-13	-5	-2	4	8	3	-10	-19	-19	-8	9	19	16	0	-6	2	1	-7	-8
-1	0	-6	-1	17	30	24	11	0	-11	-11	1	20	28	18	9	6	6	8	6
3	-2	-11	-12	-6	-6	-12	-7	9	4	-12	-11	-2	-3	-10	-6	12	21	15	3
-8	-19	-19	-4	16	17	2	-6	-4	-2	-6	-8	-6	-5	-4	-3	-2	-1	0	-7
-15	-15	-3	15	21	11	10	15	10	3	-2	2	10	14	12	7	8	13	10	-3

0	-3	-5	-7	-9	-1	3	4	3	1	-2	-4	-3	-2	-1	0	1	2	2	1
-2	-4	-6	-7	-7	-6	-4	0	3	4	2	-2	-3	-7	-6	1	6	6	0	-6
-4	2	7	7	4	3	3	4	5	5	6	4	1	2	4	5	8	12	12	8
6	5	4	4	7	7	2	5	2	2	4	3	2	0	-1	-1	0	1	4	8
10	8	6	5	6	7	7	5	7	7	8	9	9	9	9	8	7	6	4	4
5	2	-1	0	4	10	11	11	11	10	9	9	9	9	9	9	8	6	5	5

IIW342 70.038.0
STATION NO. 264
INSTR PERIOD = 0.050 SEC

LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
MILLIKAN LIBRARY, BSMNT., CALTECH, PASADENA, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 34 16 12N, 117 32 24W
CUMP NORTH 34 08 12N, 118 07 30W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -19.4 CM/SEC/SEC AT 4.04 SEC VELO = 1.5 CM/SEC AT 18.54 SEC DISP = 1.7 CM AT 19.66 SEC

INITIAL VELU = 0.21116 CM/SEC INITIAL DISP = -0.12082 CM

1168 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

13	0	-4	-13	-30	-43	-58	-71	-81	-15	25	87	130	64	-12	-29	-33	-48	-83	-91
-19	30	24	88	151	117	26	-60	-96	-36	4	-5	-10	20	24	-2	-25	-30	-18	-33
-71	-62	8	49	50	-6	-25	-23	-26	-79	-24	39	-12	-46	-22	13	21	17	33	96
91	-11	-64	-48	1	60	37	-10	-22	-42	-75	-111	-102	-22	53	119	163	140	38	-62
-97	-83	-37	15	40	44	25	6	24	73	78	21	-50	-84	-66	8	-2	-96	-71	67
150	173	134	50	-10	-58	-129	-135	-74	-17	-14	-43	-30	11	72	130	152	113	20	-62
-104	-123	-105	-82	-82	-54	-24	7	44	76	74	69	18	-51	-51	-48	18	67	55	1
-42	-77	-85	-84	-72	-38	-3	-1	41	80	83	86	80	74	80	93	104	91	48	-14
-46	-54	-60	-74	-75	-52	-63	-60	-17	19	42	25	-5	-16	-8	-8	25	73	101	99
61	24	-8	-17	-18	-53	-91	-109	-84	-29	13	37	48	43	44	81	116	121	98	38
-63	-163	-194	-179	-115	-35	32	86	102	83	49	29	23	8	-2	20	45	34	16	0
8	31	36	-8	-71	-103	-85	-36	3	18	19	20	14	5	5	36	58	44	10	-33
-92	-113	-101	-65	-21	6	12	15	35	45	57	89	94	63	14	-32	-68	-68	-24	27
33	-10	-55	-70	-50	2	30	20	1	6	43	92	100	78	17	-80	-139	-117	-36	35
41	32	6	-7	26	55	49	15	-29	-72	-100	-93	-57	-29	1	26	40	39	32	55
67	39	-2	-35	-36	-15	10	36	35	2	-19	-16	-7	-13	-33	-51	-57	-44	-21	-12
-27	-40	-32	-15	3	19	34	58	85	94	90	81	48	-2	-44	-72	-80	-70	-48	-38
-32	-28	-24	-20	-15	-8	2	16	21	15	-9	-38	-59	-69	-44	-44	-25	-7	16	28
23	15	8	11	10	6	4	12	23	20	8	-1	5	27	39	39	16	-35	-74	-89
-80	-60	-34	11	41	54	64	67	49	0	-35	-27	-25	-19	-16	-16	-25	-30	-29	-26
-19	-10	0	5	2	3	6	-5	-25	-26	-11	18	48	49	31	3	-28	-46	-48	-36
-13	22	49	65	61	53	41	21	2	-10	-21	-25	-19	-11	-3	1	3	5	21	46
49	44	51	49	25	-2	-15	-13	-3	2	-9	-23	-38	-50	-60	-65	-68	-70	-70	-65
-53	-34	1	39	68	62	44	15	-8	-2	4	-2	-4	14	30	26	20	21	33	45
48	43	41	39	35	26	9	-9	-22	-31	-41	-50	-53	-60	-54	-35	-24	-16	-5	-10
-20	-15	1	21	42	47	42	37	28	21	16	10	4	-4	-15	-24	-25	-15	-1	12
8	3	12	30	42	47	45	30	8	-5	-14	-34	-48	-58	-66	-67	-49	-25	-2	14
25	35	39	29	20	23	26	23	15	10	6	5	9	15	17	10	1	-7	-8	2
11	17	11	-12	-24	-25	-15	22	57	63	46	18	-29	-54	-48	-23	-1	-3	-11	-22
-31	-28	-20	-18	-16	-10	5	41	63	42	16	-11	-32	-32	-26	-12	8	13	9	9
13	13	10	9	13	13	5	-5	-9	-8	-11	-16	-21	-18	-4	5	-4	-22	-30	-35
-32	-23	-18	-6	6	6	10	17	21	17	12	6	0	-8	-18	-26	-31	-27	-14	7
30	44	32	15	4	-3	-3	3	13	25	25	19	12	4	0	-2	0	13	18	9
-2	-14	-22	-26	-16	4	23	36	39	25	8	-7	-17	-20	-15	0	16	24	22	13
3	-11	-20	-17	-16	-24	-35	-42	-45	-36	-25	-24	-23	-19	-10	7	20	24	25	24
21	26	42	44	34	24	14	4	-2	-9	-8	-8	-8	-8	-11	-13	-5	4	9	15
13	7	5	2	6	17	29	36	32	15	5	0	-5	-11	-16	-21	-26	-27	-27	-26
-22	-22	-26	-22	-9	5	15	18	13	4	2	-5	-14	-9	6	18	28	38	38	29
18	2	-5	-7	-8	-9	-13	-13	-5	3	8	9	4	-8	-20	-29	-30	-25	-21	-17
-9	-2	-1	0	4	10	19	26	26	15	1	-9	-16	-14	-2	7	9	2	-5	-6
-6	-5	-2	2	1	1	2	9	18	25	23	15	4	-7	-9	9	21	24	22	22
21	15	7	5	5	5	4	-1	-9	-14	-18	-17	-13	-8	2	13	19	13	8	4
4	7	10	2	-9	-15	-10	7	20	23	19	5	-14	-22	-19	-6	-1	-2	-1	-1
-1	3	10	18	21	13	10	14	18	22	27	33	38	41	38	26	11	0	5	9

[illegible]

IIW342 70.038.0
STATION NO. 264
INSTR PERIOD = 0.050 SEC DAMPING = 0.591
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
MILLIKAN LIBRARY, BSMNT., CALTECH, PASADENA, CAL.
ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 34 16 12N, 117 32 24W
CUMP DOWN 34 08 12N, 118 07 30W

PEAK VALS ACCLN = -12.4 CM/SEC/SEC AT 2.08 SEC VELO = 0.7 CM/SEC AT 7.10 SEC DISP = -0.5 CM AT 17.16 SEC

INITIAL VELO = 0.13568 CM/SEC INITIAL DISP = 0.04452 CM
1170 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-39	42	78	42	-17	-50	-58	-85	-86	-11	-22	-16	21	15	-24	-4	66	82	11	-71
-91	-65	31	105	97	51	-5	-18	-22	-29	-24	-30	-22	-23	-22	-5	3	-2	37	45
9	7	67	85	13	-10	26	13	-45	-88	-51	13	3	-46	-5	51	47	33	44	42
8	-11	-62	-95	20	108	83	16	-54	-57	-24	-24	-12	3	7	2	13	24	-6	-51
-1	43	15	17	-4	-79	-104	-37	30	78	50	-37	-87	-39	23	72	103	61	-65	-100
-31	44	83	-16	-124	-58	73	100	60	-31	-76	-15	41	67	-13	-80	-47	-7	12	10
-32	-24	20	33	15	-17	-31	-32	-16	6	40	25	-22	-13	-14	-30	-13	21	27	-40
-91	-49	21	53	51	30	-7	-54	-72	-55	-25	5	38	63	53	17	-5	18	44	61
46	7	-20	-28	-14	-16	-20	-23	-37	-45	-23	-7	-5	30	53	57	71	79	62	13
-35	-67	-79	-73	-43	2	22	32	24	-9	-44	-59	-61	-43	-36	-5	45	72	77	61
38	14	-5	-4	-19	-41	-39	-21	-13	-6	12	22	35	36	12	-29	-53	-38	0	24
32	24	17	14	25	22	3	-14	-19	-3	3	-37	-82	-51	-2	15	22	-3	-34	2
49	57	20	-15	-20	-13	-3	-4	-3	20	30	36	45	-2	-67	-60	-39	-15	10	33
45	40	26	26	31	18	26	26	-37	-93	-75	-39	-12	22	42	29	-2	-14	2	28
34	21	-21	-72	-74	-27	30	72	82	38	-14	-19	0	2	-14	-39	-49	-30	-4	23
36	29	24	24	-8	-42	-37	-5	31	45	32	9	-8	-20	-15	4	-18	-21	18	45
48	41	33	35	47	53	34	-12	-40	-26	-12	-4	-4	-10	-21	-31	-23	-15	-19	-33
-42	-25	7	26	30	31	19	3	6	33	45	45	48	44	19	-14	-35	-52	-71	-64
-38	-17	0	3	3	-16	14	26	20	27	10	1	21	42	54	51	35	5	-26	-43
-53	-68	-75	-71	-45	-15	-6	5	13	13	11	26	45	36	17	-8	-25	-11	22	41
44	21	-15	-37	-43	-34	-35	-37	-28	-11	9	30	50	61	60	52	30	8	-6	-12
-12	-11	-30	-54	-51	-24	6	29	30	17	0	-17	-27	-15	8	26	25	8	8	19
18	7	-10	-30	-50	-13	0	-8	-5	-3	-2	8	15	1	-7	6	13	5	-23	-44
-25	-5	6	6	-2	7	23	24	18	13	7	2	1	-4	-18	-19	9	28	30	3
-37	-48	-42	-27	-10	-17	-34	-18	-1	0	0	5	13	23	25	24	25	31	36	24
-11	-32	-41	-50	-55	-49	-36	-28	-34	-19	5	12	12	22	9	1	11	30	25	28
28	14	4	-5	-20	-35	-33	-19	-3	20	34	31	19	15	15	-2	-18	-14	-7	-6
11	34	32	16	17	13	-8	-22	-26	-22	-22	-13	7	12	13	14	22	21	6	1
6	-4	-11	5	-4	-19	-12	7	19	16	4	-13	-23	-15	1	20	31	15	-14	-24
-19	4	26	32	30	24	10	10	14	12	3	-7	-13	-23	-24	-16	-9	-5	-5	-12
-20	-12	7	12	6	-4	-6	5	21	29	32	30	24	9	-9	-27	-32	-27	-23	-19
-21	-22	-9	2	-10	-25	-39	-36	-27	-25	-20	-12	-13	-15	-8	-6	-14	-9	-1	-4
-13	-13	-6	2	19	30	20	11	15	20	21	7	-14	-14	-3	8	4	3	7	9
2	-10	-19	-20	-17	-13	-13	-18	-18	-11	-1	-1	-4	-2	6	4	1	4	8	5
-6	-16	-21	-16	-13	-8	5	15	17	18	12	1	-10	-13	-7	2	16	28	23	9
2	3	5	18	32	26	5	-9	1	8	-1	-4	6	17	16	2	0	4	11	19
23	18	11	4	6	0	-22	-28	-24	-16	-9	-4	1	1	-9	-19	-20	-15	-2	3
-1	-4	-4	1	14	27	31	18	4	2	2	2	2	-1	-3	4	11	15	10	-4
-17	-27	-18	-2	-3	-12	-7	11	12	12	28	34	23	10	-6	-7	2	10	5	-16
-31	-29	-22	-9	-6	-9	-14	-15	-12	-2	9	14	14	10	15	22	18	9	4	4
14	22	15	6	-4	-8	-3	4	-5	-14	-16	-15	-12	-7	-7	-7	-6	-2	-3	-14
-18	-8	5	13	11	-2	-8	-12	-10	-4	2	4	0	-2	-2	1	5	7	7	6
3	0	0	4	6	2	-1	-4	-6	-5	-1	1	1	2	5	9	17	23	19	11
10	16	24	26	26	24	19	12	4	-2	-4	-1	5	16	20	3	-12	-6	0	3

3	3	3	1	-3	-5	-9	1	12	13	6	0	-5	-6	-4	0	5	12
16	12	4	0	-4	-8	-12	-16	-20	-18	-12	-19	-18	2	0	0	-8	-13
-15	-10	0	14	23	18	14	10	6	-6	-19	-10	-11	10	12	4	-5	-13
-18	-17	-13	-8	-4	-5	-10	-10	-10	-10	-10	-10	-11	-14	-10	-13	-17	-22
-30	-31	-26	-20	-8	-4	-2	1	6	9	5	5	15	25	24	19	20	23
27	25	19	10	5	4	0	3	8	3	-5	-11	-14	-15	-16	-19	-16	-8
-7	-2	14	19	21	17	15	16	13	5	14	12	5	10	14	1	2	2
3	8	6	-1	-10	-11	-6	-4	-4	2	-3	-7	-12	-16	-19	-20	-19	-15
-6	-1	-1	0	1	4	3	-6	-11	-1	11	19	21	15	1	-6	-3	-2
-2	-3	-6	-8	-5	-1	0	0	0	-6	-7	-5	-1	0	-4	-6	-6	-8
-11	-13	-13	-13	-12	-9	-6	-7	-9	-2	-2	-2	-3	-7	-8	-3	6	4
-1	-1	-1	-1	-2	-3	-7	-10	-8	7	6	4	0	0	4	5	-1	-3
-1	3	1	-5	-8	-9	-6	-8	-11	10	19	15	7	2	-2	-1	3	0
-6	-8	-8	-8	-4	3	5	5	8	7	2	1	0	-1	-4	5	13	11
3	-1	9	14	16	13	16	23	17	17	2	1	0	2	-6	2	3	11

IIW343 70.003.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 STATION NO. 265 MILLIKAN LIBRARY, LOTH FL., CALTECH, PASADENA, CAL.
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 34 16 12N, 117 32 24W
 COMP NORTH 34 08 12N, 118 07 30W
 BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -53.6 CM/SEC/SEC AT 2.04 SEC VELO = 4.6 CM/SEC AT 5.62 SEC DISP = -3.5 CM AT 14.14 SEC

1169 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = -0.13972 CM/SEC INITIAL DISP = 0.97219 CM

-169	-136	-127	-130	-127	-105	-57	-32	-6	82	119	3	-87	-48	44	105	148	120	49	62
123	98	-27	-174	-215	-172	-113	-37	35	54	-8	-80	-91	-47	44	110	87	65	88	106
63	-9	-44	-10	3	-73	-142	-119	25	63	-61	-189	-184	-84	-42	-43	-49	-34	13	7
-30	42	178	236	189	121	116	138	113	71	64	43	-8	-38	-103	-247	-408	-411	-271	-30
139	127	-5	-70	18	149	218	227	180	122	105	161	269	281	143	-99	-195	-82	83	86
-157	-497	-536	-206	147	189	65	-58	-12	127	190	143	42	-20	-11	62	115	72	-1	-22
86	277	328	168	-145	-328	-226	-73	-97	-281	-428	-394	-180	106	165	113	96	131	238	340
320	213	183	249	240	131	-24	-180	-238	-227	-220	-227	-234	-249	-227	-152	-60	33	110	184
239	302	343	325	275	220	165	120	60	-63	-206	-306	-345	-319	-302	-325	-363	-361	-270	-101
30	91	194	323	422	474	466	463	413	286	107	-33	-105	-139	-186	-269	-381	-427	-379	-245
-98	1	61	85	78	68	44	9	-17	30	146	202	164	122	51	51	114	126	95	85
78	53	4	-50	-75	-59	-43	-90	-187	-260	-240	-140	-42	-9	-27	-35	-30	26	120	200
247	264	230	192	118	25	-57	-128	-124	-113	-154	-220	-206	-256	-153	26	126	77	10	10
75	134	189	225	184	102	40	-6	-22	-40	-69	-121	-170	-211	-186	-87	33	94	53	-27
-83	-67	59	194	180	85	8	-18	45	119	108	39	-45	-113	-108	-64	-61	-120	-177	-131
-32	34	41	57	57	99	121	120	100	104	141	155	152	92	41	0	-38	-101	-174	-207
-187	-159	-175	-228	-269	-256	-190	-95	6	57	80	142	264	416	501	467	362	252	215	179
95	-59	-224	-312	-344	-351	-376	-407	-406	-359	-218	-62	17	70	111	163	227	281	299	291
269	237	226	207	151	73	2	-40	-69	-98	-135	-164	-188	-208	-197	-168	-141	-89	-43	-18
-1	17	29	27	23	27	41	73	104	146	179	171	123	65	29	19	-1	-58	-120	-169
-175	-163	-159	-187	-205	-161	-98	-45	7	41	62	60	69	118	186	247	270	238	181	115
48	-18	-62	-106	-151	-176	-172	-171	-176	-179	-160	-111	-68	-33	5	47	88	114	120	124
127	128	127	123	108	86	54	24	-16	-73	-116	-106	-82	-67	-66	-97	-138	-141	-124	-107
-102	-136	-167	-175	-153	-106	-40	50	121	155	187	179	160	161	183	179	141	93	51	18
-24	-77	-118	-144	-143	-137	-124	-109	-93	-82	-68	-49	-33	-31	-39	-36	-23	-12	-12	-31
-52	-47	-37	-39	-59	-78	-67	-32	11	41	55	67	85	95	95	65	44	32	9	-21
-45	-77	-104	-117	-122	-114	-105	-93	-75	-29	34	85	116	132	119	95	67	36	-11	-52
-81	-107	-122	-121	-108	-93	-68	-37	-7	18	46	64	74	80	89	98	85	68	92	116
97	39	-10	-8	10	-12	-81	-156	-167	-182	-142	-64	-16	-12	-17	-16	13	64	105	116
110	94	82	69	33	-5	-55	-93	-108	-102	-90	-78	-46	-19	-5	-9	-20	-9	11	28
51	66	56	53	65	84	79	62	38	12	-14	-34	-58	-73	-76	-80	-75	-48	-17	-20
-40	-57	-47	-22	-15	-19	-8	9	26	49	66	83	92	95	101	103	81	39	-10	-39
-64	-85	-103	-108	-93	-79	-72	-60	-41	-15	10	48	90	122	141	156	143	109	78	51
36	33	20	-9	-43	-72	-89	-92	-77	-63	-50	-32	-13	3	21	27	19	14	44	91
124	130	119	110	113	123	120	101	69	28	-32	-87	-126	-153	-166	-179	-192	-191	-164	-108
-55	-6	65	129	187	241	268	273	275	268	250	206	141	59	-33	-100	-144	-182	-217	-251
-272	-259	-211	-163	-124	-68	-8	76	140	170	207	239	251	258	254	234	199	139	65	-15
-72	-129	-181	-236	-281	-295	-294	-284	-247	-191	-114	-51	8	71	129	162	191	235	283	306
304	292	257	201	128	54	-8	-71	-149	-222	-275	-299	-298	-282	-252	-216	-159	-99	-47	20
103	164	195	231	256	265	256	234	195	152	118	87	32	-41	-101	-142	-166	-178	-178	-186
-194	-175	-132	-88	-53	-21	21	77	131	164	177	186	210	221	211	177	118	66	14	-31
-74	-118	-149	-170	-180	-178	-174	-158	-120	-82	-51	-8	34	62	92	114	126	136	138	129
116	91	53	17	-19	-52	-77	-102	-138	-163	-147	-128	-110	-94	-76	-61	-47	-19	15	48
68	70	76	95	110	105	85	63	55	48	23	-26	-53	-61	-69	-53	-42	-42	-51	-47

-33	-18	-5	3	5	8	7	3	3	0	7	13	6	-9	-17	-14	-20	-23	-17
-23	-29	-27	-33	-30	-18	-22	-33	-34	-27	-11	0	-12	-26	-32	-30	-9	14	9
9	25	38	53	45	30	17	8	6	7	-10	-29	-37	-40	-32	-36	-44	-42	-35
-29	-29	-28	-33	-19	-3	13	38	52	44	45	56	59	54	43	27	15	14	15
0	-22	-34	-40	-47	-46	-42	-35	-21	3	21	8	-9	-8	-7	-15	-17	-7	2
5	-1	-13	-20	-30	-42	-55	-67	-70	-64	-53	-47	-37	-16	7	21	43	64	76
80	91	109	115	78	62	45	14	-14	-41	-56	-64	-93	-116	-134	-138	-131	-118	-109
-80	-51	-37	-7	37	52	68	76	78	91	97	82	57	46	45	45	34	6	-31
-54	-67	-73	-81	-70	-54	-50	-41	-27	-35	-42	-24	-1	20	40	59	70	66	64
70	71	60	47	45	31	10	-9	-17	-31	-41	-45	-44	-35	-22	-16	-20	-27	0
15	26	40	30	13	27	39	32	19	9	2	-6	-1	-2	-17	-42	-47	-31	-16
-20	-29	-31	-21	17	13	4	-2	8	30	38	41	41	39	33	26	20	16	8
1	-2	-14	-28	-40	-45	-46	-46	-46	-48	-51	-47	-26	6	24	33	36	33	28
24	15	-2	-17	-15	-24	-33	-30	-25	-21	-17	-12	-2	14	29	33	29	24	16
11	12	17	30	19	4	-9	-13	-13	-21	-17	-12	-2	14	29	33	29	24	16

IIW343 70.003.0
STATION NO. 265
INSTR PERIOD = 0.050 SEC

LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
MILLIKAN LIBRARY, LUTHER FL., CALTECH, PASADENA, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 34 16 12N, 117 32 24W
CUMP EAST 34 08 12N, 118 07 30W

PEAK VALS ACIN = -34.6 CM/SEC/SEC AT 2.02 SEC VELO = -3.0 CM/SEC AT 6.58 SEC DISP = 1.3 CM AT 17.86 SEC

INITIAL VELU = 0.16745 CM/SEC INITIAL DISP = 0.11074 CM

1167 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

68	64	26	-110	-189	-91	15	15	-80	-87	-1	35	-43	-89	1	151	193	95	-43	-104
-96	-86	-69	11	90	82	-40	-106	-114	-140	-117	32	134	69	71	108	54	-106	-217	-198
-47	158	242	154	119	160	84	-132	-130	163	240	64	-124	-67	34	-71	-261	-143	68	13
-167	-153	56	186	185	138	125	74	-3	-56	-156	-172	-40	29	36	97	165	127	-5	-48
-15	-20	-39	-38	4	47	78	119	145	55	-93	-214	-268	-156	156	300	137	-85	-112	-82
-205	-346	-260	-18	138	145	97	22	-53	-38	10	18	41	127	214	104	-149	-188	-61	51
162	233	210	107	-40	-136	-165	-138	-19	159	209	132	-23	-157	-261	-245	-172	-111	7	169
248	157	-30	-105	-67	32	108	126	137	138	123	82	16	-57	-82	-54	14	68	75	65
92	81	-5	-95	-147	-127	-89	-39	-40	-111	-193	-220	-242	-254	-190	-77	-36	-57	-79	-53
-14	58	161	243	273	284	281	215	133	99	117	129	90	56	40	-23	-117	-140	-79	2
67	76	65	2	-149	-258	-193	-83	-7	60	116	95	-23	-188	-229	-234	-163	-31	111	155
115	96	82	-16	-79	3	116	234	300	255	144	-2	-99	-137	-111	-10	68	91	48	-52
-164	-258	-279	-243	-191	-134	-95	-83	-88	-99	-90	-40	6	14	37	117	198	231	237	218
199	210	233	233	202	144	76	6	-32	-63	-69	-52	-20	6	-30	-116	-159	-172	-181	-190
-172	-147	-125	-117	-121	-153	-202	-195	-135	-69	18	119	160	123	76	40	38	70	113	148
189	227	237	208	168	146	142	115	83	80	48	-13	-41	-78	-152	-227	-268	-272	-271	-288
-260	-213	-182	-158	-144	-121	-101	-83	-57	-14	88	185	213	236	279	302	274	213	176	168
184	205	184	136	71	-121	-50	-86	-107	-110	-116	-148	-168	-188	-233	-281	-279	-228	-148	-95
-73	-63	-62	-63	-59	-34	20	89	116	141	154	136	100	102	132	156	165	178	176	129
70	35	21	14	11	1	-35	-85	-124	-187	-219	-203	-169	-116	-75	-82	-115	-165	-199	-155
-71	3	62	92	103	111	106	111	145	176	202	215	212	185	140	113	93	78	54	10
-47	-67	-92	-139	-166	-150	-121	-118	-130	-149	-184	-211	-203	-168	-123	-51	24	56	68	63
52	61	92	123	150	169	177	171	155	113	85	61	73	74	80	74	39	-30	-87	-119
-151	-165	-158	-139	-117	-119	-129	-120	-102	-91	-89	-75	-50	-15	48	98	129	146	145	135
111	70	20	5	19	26	26	12	-12	-49	-73	-66	-43	-26	-24	-21	-27	-48	-47	-17
7	21	39	47	46	52	37	23	14	11	0	-16	-30	-29	-23	-27	-61	-102	-110	-87
-48	-23	-9	-2	-4	-21	-36	-39	-15	32	95	131	122	84	44	7	6	38	82	111
95	63	27	-20	-40	-17	24	60	76	59	26	-16	-46	-51	-35	-25	-23	-34	-47	-73
-102	-98	-90	-78	-53	-28	-8	-15	-18	-10	9	45	88	109	121	133	146	129	108	112
96	86	90	70	50	31	4	-27	-54	-75	-93	-112	-135	-138	-127	-112	-106	-99	-81	-63
-41	-17	-10	-12	8	20	17	20	51	84	92	80	52	13	-21	-36	-29	-21	-6	-3
-25	-48	-65	-53	-5	26	48	62	49	22	-3	-20	-19	13	47	59	40	20	14	15
15	15	14	2	-21	-27	-29	-28	-12	-3	-5	-5	-8	-3	-15	-19	-3	0	-16	-18
-5	-19	-27	-17	-12	-22	-28	-33	-43	-41	-34	-20	-3	8	22	35	46	46	27	20
25	29	44	24	12	49	58	54	48	41	33	14	-7	-29	-50	-59	-72	-83	-78	-63
-33	-8	12	37	53	48	44	61	74	80	33	95	79	59	32	6	25	-44	-49	-54
-72	-102	-104	-114	-125	-108	-81	-46	-22	-1	14	28	42	63	78	84	80	77	77	73
57	45	52	56	52	36	12	-2	-9	-23	-32	-32	-28	-26	-36	-40	-37	-25	-14	-23
-37	-41	-42	-45	-53	-67	-78	-68	-52	-48	-54	-42	-19	3	18	32	60	94	116	138
144	136	130	124	113	104	106	99	73	17	-41	-66	-95	-120	-139	-144	-142	-131	-116	-105

-95	-81	-72	-60	-32	-2	24	39	55	84	106	123	124	119	116	112	97	70	49	38
20	10	-3	-32	-51	-66	-79	-99	-104	-95	-91	-74	-48	-34	-17	0	13	28	46	65
72	58	36	17	5	6	18	34	39	33	8	-17	-31	-41	-45	-40	-43	-44	-43	-45
-48	-42	-32	-27	-21	-14	-13	-14	-10	-10	-10	-6	6	10	6	22	37	45	45	35

[illegible]

IHW343 70.003.0 LYLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
STATION NO. 265 MILLIKAN LIBRARY, LOTH FL., CALTECH, PASADENA, CAL. CUMP DOWN 34 08 12N, 118 07 30W
INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = -19.7 CM/SEC/SEC AT 0.60 SEC VELO = 1.0 CM/SEC AT 13.24 SEC DISP = 0.9 CM AT 14.50 SEC

INITIAL VELU = 0.77967 CM/SEC INITIAL DISP = -0.02976 CM
1170 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

2	17	-15	4	20	0	-49	-56	-37	-43	-61	-26	-58	-33	41	53	25	53	106	26
-139	-178	-21	96	57	-28	-22	77	106	-19	-197	-182	-22	97	84	-31	-99	-6	87	15
-52	32	92	92	57	28	-12	-64	-84	-57	-50	-26	20	36	-46	-87	-12	77	108	72
-23	-130	-100	87	135	6	-76	-17	43	44	-11	-32	-34	-55	8	60	-16	-95	-81	-2
58	42	4	-17	-53	-79	-49	18	98	61	-78	-60	30	35	-2	17	52	54	36	33
4	-101	-157	-61	35	26	13	63	60	-7	-20	-20	-8	11	25	19	-17	-58	-54	-50
-41	34	93	54	-20	-77	-90	-44	11	38	-8	-60	-18	8	-26	-10	58	71	-5	-110
-104	8	90	84	61	-1	-34	9	12	-67	-89	-49	-3	24	31	-1	-36	-23	32	66
66	77	70	35	-16	-12	24	15	-23	-26	-29	-39	-16	1	3	25	40	65	83	60
-19	-94	-85	-33	-18	-11	34	89	102	85	22	-68	-106	-71	11	29	-21	-28	38	83
85	59	16	-31	-26	8	-10	-61	-46	11	67	99	72	30	1	-16	-25	-16	-7	-3
20	36	12	-3	15	27	16	-15	-32	-28	-22	-44	-86	-91	-50	-1	23	14	3	-12
21	78	121	117	15	-84	-61	12	42	36	8	-10	-9	-8	-9	-44	-87	-42	33	52
23	24	58	65	28	15	22	2	-17	-55	-117	-107	-35	27	16	-15	0	51	68	23
-21	-47	-38	-10	-39	-70	-44	23	62	72	75	59	28	-6	-48	-85	-69	-43	-36	-23
11	23	8	-13	-8	2	-15	-58	-45	23	89	93	56	11	-28	-47	-37	-14	-9	-2
20	42	60	54	27	4	-12	-25	-32	-48	-66	-54	-39	-25	-7	13	18	-6	-38	-57
-41	0	12	2	-5	0	5	-7	-34	-26	23	72	68	33	19	9	-15	-49	-65	-42
-14	7	26	32	12	2	7	0	-3	5	16	28	27	11	7	30	45	35	-2	-29
-38	-36	-38	-54	-56	-24	17	15	-13	-5	41	86	92	69	37	10	3	-10	-15	9
46	53	3	-42	-45	-32	-29	-41	-40	-21	3	19	39	60	55	26	16	20	19	7
-21	-50	-66	-73	-58	-28	3	26	31	15	-19	-24	1	4	-20	-25	11	48	40	1
-1	8	2	-21	-36	-29	-19	-6	6	-3	-25	-40	-31	-6	17	15	-10	-21	-18	-34
-52	-42	-15	-9	-27	-33	9	50	46	19	21	22	5	-3	16	18	8	14	16	-15
-38	-19	-7	-10	-9	-9	-15	-46	-26	-15	-2	19	29	27	30	34	36	27	14	13
18	-9	-47	-65	-64	-58	-44	-34	-31	-10	21	47	35	21	32	23	11	32	44	42
36	21	6	-22	-40	-49	-52	-37	1	37	56	58	49	23	7	17	10	-12	-22	-14
1	18	33	33	5	-11	0	4	-23	-40	-18	10	16	7	24	36	29	12	9	20
34	36	10	-15	-19	-5	-4	-9	7	20	9	-23	-24	0	19	29	16	-5	-10	-2
16	20	15	22	30	19	13	11	-2	-3	8	-3	-22	-19	-18	-30	-21	-12	-17	-18
-6	14	19	-2	-4	8	6	-5	13	33	34	16	10	16	14	-11	-38	-41	-38	-33
-18	-9	-10	-16	-9	-4	-12	-25	-25	-17	-5	1	1	3	11	24	38	36	15	8
18	21	10	-3	3	26	51	57	29	12	17	23	12	-5	-10	12	30	26	3	1
10	17	3	-18	-23	-12	-5	-4	-21	-33	-26	-5	11	1	-16	-13	2	-12	-12	-12
3	15	4	-5	6	19	15	4	7	17	-14	-38	-50	-36	-17	-17	-7	-11	-19	-9
12	21	9	-7	-5	10	20	23	8	0	4	12	18	14	-5	-29	-46	-43	-30	-17
-17	-21	-28	-39	-35	-23	-26	-33	-33	-27	-14	1	17	26	21	10	1	-6	-4	4
4	-8	-22	-27	-17	-10	-17	-22	-17	-16	-19	-24	-23	-17	-11	-2	12	25	32	25
8	4	15	14	1	-15	-19	-13	-10	-6	-5	-9	-8	-12	-27	-32	-13	-4	-8	-14
-10	-2	3	2	-5	-10	-2	8	17	13	17	31	37	36	21	6	3	10	14	6
8	14	-1	-13	-13	2	13	7	-4	-12	-15	-15	0	9	6	8	14	0	-28	-34
-19	0	-4	-15	-19	-15	-7	-6	-10	-10	-7	0	7	4	-4	-4	2	20	29	21
14	10	6	12	14	4	5	4	0	-5	-13	-15	-9	3	13	12	3	-3	0	4
5	8	13	18	23	24	23	12	-8	-14	-6	2	0	-1	4	1	-5	1	4	0

I1W344 70.039.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 STATION NO. 267 J.P.L., BSMNT., PASADENA, CAL.
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -14.5 CM/SEC/SEC AT 2.22 SEC VELO = 1.0 CM/SEC AT 3.12 SEC DISP = -1.0 CM AT 10.88 SEC

INITIAL VELO = 0.17688 CM/SEC INITIAL DISP = -0.34962 CM
 1170 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

90	50	52	61	44	5	-34	-70	-71	-82	-102	-85	-41	16	48	34	43	84	85	52
19	-11	-19	-18	-25	-12	3	14	20	1	-24	-19	-9	-18	-33	-17	23	40	18	4
-29	-70	-97	-69	-19	9	23	24	-1	-14	-6	4	9	31	47	42	29	-2	2	-3
-34	-6	39	51	-29	-5	-35	-42	-3	9	14	17	11	5	-11	-27	-17	29	38	46
66	41	-16	-59	-69	-72	-76	-59	-58	-76	-65	-13	12	3	27	63	86	104	113	93
54	32	36	40	48	21	3	20	13	-47	-110	-145	-137	-82	-48	-25	-9	-3	33	38
32	52	47	12	-10	12	20	24	22	-4	2	23	45	48	19	-24	-62	-80	-87	-69
-14	11	-26	-68	-86	-63	15	73	91	102	144	138	86	62	37	35	18	-52	-91	-83
-63	-40	-22	-32	-31	-5	10	2	-6	-16	-18	-6	17	29	32	27	21	23	17	9
3	-17	-34	-25	-16	-15	-11	0	3	2	-2	-11	-5	-4	-15	3	2	-6	-16	-35
-16	7	22	55	64	45	16	-10	-32	-37	-29	-24	-35	-50	-44	-35	-15	4	28	41
36	5	-25	-47	-48	-22	8	44	55	34	-6	-16	-5	11	0	-11	-16	-17	11	23
19	52	61	47	37	14	-5	12	-6	-40	-58	-71	-68	-46	-20	-7	-12	-36	-40	-32
-38	-25	6	14	4	17	37	32	34	45	53	54	33	-11	-37	-39	-28	-22	-22	-15
11	29	33	36	37	19	-4	-27	-51	-60	-37	4	45	50	36	20	4	-7	-21	-27
-16	-1	9	-1	-37	-62	-44	-25	-27	7	34	44	17	-18	-39	-47	-51	-42	-18	9
25	20	-4	-29	-42	-43	-22	16	36	50	66	85	70	25	-16	-29	-7	6	-11	-13
-14	-3	3	-11	-32	-29	-11	8	29	40	20	1	16	45	45	18	-22	-51	-62	-66
-41	-27	-41	-50	-52	-48	-43	-20	21	42	34	34	55	68	43	-6	-64	-70	-56	-45
-24	-12	-9	8	18	15	30	44	31	11	-4	-6	-7	1	-1	-16	-7	1	-7	-10
3	28	48	51	44	34	22	1	-18	-31	-48	-59	-54	-41	-27	-22	-21	-15	8	33
35	24	25	33	24	30	46	33	10	-3	-19	-25	-14	-4	14	35	23	17	9	0
-11	-21	-29	-24	-8	13	10	-7	-11	-10	-29	-62	-54	-10	29	43	36	33	16	1
-11	-14	13	42	36	31	27	19	-1	-17	-22	-24	-19	-11	18	48	46	21	-4	-18
-11	7	23	28	17	-6	-25	-33	-15	-2	-7	-12	-3	-3	-8	9	14	10	7	10
10	0	13	29	8	-12	-23	-17	-6	0	0	-2	-7	-13	-11	4	24	30	22	14
8	8	7	4	9	17	15	9	-2	-12	-17	-16	-10	5	10	1	-2	-8	-13	-7
1	6	8	12	24	40	46	37	19	1	-4	-17	-27	-22	-8	7	1	-10	-8	4
6	4	9	18	23	28	30	28	25	21	29	32	28	20	10	10	14	13	12	8
-5	-21	-27	-22	-16	-12	-14	5	13	12	-2	-20	-23	-16	-8	2	18	24	18	14
15	12	6	1	-5	-12	-19	-21	-24	-17	-7	-5	-7	-11	-11	-9	-6	-4	-7	-2
14	23	19	23	29	21	2	-16	-25	-22	-16	-7	-2	-3	4	7	2	-4	-3	3
15	28	27	13	-1	-13	-15	-10	1	14	21	11	-2	-7	-8	-13	-25	-30	-33	-32
-29	-25	-23	-15	-5	-1	-1	-5	-9	-6	-11	8	8	11	13	1	-21	-22	-4	5
2	4	5	4	13	20	23	23	11	-4	-11	-17	-25	-26	-13	14	31	28	18	3
-8	-10	-7	5	15	6	-8	-12	-10	-7	4	15	18	9	4	4	4	4	1	-8
-11	-5	-1	-1	-10	-24	-30	-24	-17	-2	9	5	-5	-17	-23	-18	-8	4	15	26
31	32	29	24	16	6	-2	-14	-19	-18	-18	-12	-3	4	5	-1	-13	-19	-15	-3
16	28	34	32	21	-4	-24	-32	-32	-25	-17	-16	-20	-16	-1	5	10	9	-2	2
-4	-14	-9	3	-2	-5	2	5	0	-12	-10	2	11	11	10	4	-7	-16	-17	-7
-4	-8	-17	-16	-12	-14	-16	-7	2	1	-8	-6	2	-7	-18	-13	-8	2	21	33
28	21	15	10	8	8	8	12	21	21	13	5	-2	-7	-9	-8	-9	-9	-8	-3
3	5	1	-2	-3	-10	-17	-15	-9	-5	-5	23	26	19	21	22	10	2	-10	-17
-9	-4	-6	-4	-5	-5	-5	-5	-5	-5	-5	-5	-5	-8	-13	-13	-9	-4	-4	-8

-10	-5	-3	-3	-3	-4	-8	-9	-4	-2	1	-2	9	9	0	-2	1	10	15	15
14	14	13	10	2	1	3	-2	-7	-9	0	-3	13	11	10	-12	-4	-5	-4	-5
-5	-4	0	8	10	4	0	-8	-3	5	4	5	-4	0	-7	-10	-10	-6	-5	-9
-7	0	4	5	6	-4	-11	-10	-6	5	10	-14	-2	5	1	11	19	20	15	12
6	-2	-10	-12	-8	-4	-6	-11	-15	-14	-10	7	-7	-7	-4	-1	3	3	0	-6
-9	0	10	14	11	-2	-3	0	4	7	9	7	14	12	10	7	7	7	4	-3
-12	-18	-18	-16	-10	-4	-10	-16	-18	-16	-12	-16	-8	-8	-5	5	7	-4	-11	-4
10	22	23	21	17	1	-5	-5	0	2	0	2	-12	-6	-13	-12	-9	-4	-4	-9
-16	-19	-17	-12	-5	1	-11	-12	-7	-5	-4	-5	7	1	11	9	2	5	14	17
17	17	13	7	3	-5	-1	5	10	15	13	15	3	8	-1	-2	-3	-8	-11	-12
-15	-18	-13	-8	-5	-2	2	1	-10	-16	-10	-16	8	-2	16	21	24	19	10	2
-4	-5	2	6	-1	0	4	7	10	10	6	10	-6	-3	-4	2	9	12	11	7
6	15	16	10	5	5	8	3	1	4	8	4	15	12	14	9	4	-1	-1	3
11	18	18	13	12	18	25	27	26	25	23	25	22	22	20	15	14	14	6	-2
-3	-2	-2	-7	-12	-19	-17	-11	-9	-14	-14	-14	-11	-11	-20	-15	-14	-14	-2	-2

-4	-6	-10	-8	-5	-7	-10	-9	-5	-3	-2	-2	3	-2	-8	-14
-16	-17	-10	-8	-5	-7	-8	-19	-13	-3	-5	-3	6	12	6	0
3	8	8	10	15	20	23	19	14	-2	-1	3	9	5	6	9
9	3	-2	-6	-6	-3	1	3	2	-4	-4	3	10	4	3	4
5	9	11	11	10	6	-1	-6	-10	-12	-12	-12	17	-21	-18	-18
-17	-15	0	20	18	3	-14	-24	-20	12	8	-6	-4	2	10	16
15	11	7	9	14	14	8	-1	-9	1	8	4	-5	-5	-1	3
1	-7	-14	-12	-8	-2	1	-3	-6	3	2	-1	-6	-12	-12	-7
-3	0	0	-4	-6	-7	-7	-7	-6	-5	-6	-7	-7	-7	-7	-7
-7	-7	-7	-7	-7	-4	3	7	3	-6	-6	-8	-14	-10	-1	1
-6	-11	-12	-11	-12	-13	-17	-18	-14	1	5	4	-3	-7	-8	-5
0	1	0	1	1	0	-4	-7	-7	-10	-14	-13	-6	1	1	0
0	0	-4	-7	-6	-2	2	6	7	-10	-1	-5	-7	5	5	4
4	1	-7	-13	-14	-12	-5	1	1	-15	-14	-7	-7	5	1	0
2	-2	-5	-6	-5	-1	8	11	9	-3	-1	-3	2	-4	-3	0

IIW344 70.039.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST EPICENTER - 34 16 12N, 117 32 24W
 STATION NO. 267 J.P.L., BSMNT., PASADENA, CAL. CUMP DOWN 34 12 01N, 118 10 25W
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -15.4 CM/SEC/SEC AT 3.32 SEC VELO = 1.9 CM/SEC AT 2.68 SEC DISP = -1.4 CM AT 1.64 SEC

INITIAL VELU = -1.35287 CM/SEC INITIAL DISP = -0.06792 CM
 1171 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

40	49	31	20	18	3	28	22	-23	-46	-31	-15	-28	-30	-25	-13	16	33	40	41
24	7	23	16	-26	-33	-6	-9	-19	6	22	15	17	72	48	-20	-24	-10	-30	-24
3	30	73	104	85	20	-35	-38	-33	-61	-52	-15	-10	-5	29	74	76	61	42	15
-25	-47	-42	-1	19	37	57	29	-10	16	36	26	6	11	5	-20	-43	-38	-9	29
54	79	85	31	-50	-20	31	-19	-49	15	5	-27	7	23	-14	-27	23	53	76	114
104	42	62	97	27	-41	-93	-118	-91	-4	60	77	38	56	16	-5	-7	-63	-80	-45
22	34	43	94	78	26	37	57	7	-8	56	86	69	43	14	-14	-48	-43	-19	-4
-7	-31	-77	-90	-64	-61	-54	-23	13	78	107	105	94	61	30	-4	-23	2	18	0
-6	8	-3	-25	-74	-147	-154	-95	-66	-40	44	111	107	100	52	9	0	-7	-19	-21
-9	0	-10	-33	-76	-120	-127	-80	1	73	57	25	14	25	17	-24	-22	9	2	-10
13	26	17	15	30	8	-29	-54	-71	-61	-47	-46	-54	-29	3	9	27	71	79	.41
1	-27	-40	-43	-30	-19	-26	2	8	22	29	10	-16	-11	-24	-50	-24	-18	-51	-71
-45	0	36	48	43	31	9	-1	5	1	11	27	14	-6	-34	-26	-10	-16	-37	-36
-37	-51	-20	26	39	34	5	-39	-49	-41	-21	16	63	71	43	8	-5	-7	-14	-2
23	21	7	-21	-32	-16	-7	-30	-48	-43	-44	-54	-16	39	35	6	7	19	17	20
37	47	27	-1	-15	-12	1	7	-1	8	23	-17	-3	-18	-36	-45	-22	3	38	58
26	-6	-16	-31	-34	-13	2	12	22	7	-19	-17	-3	7	-36	-45	-22	3	-34	-14
23	47	44	29	8	-22	-54	-49	-25	-3	9	9	-4	-12	5	-27	-23	10	8	16
4	10	38	37	17	-12	-41	-62	-55	-28	5	19	32	15	-8	-27	-23	3	20	18
30	34	21	12	19	9	-6	2	-6	-28	-48	-40	-31	-40	-22	-18	-10	-3	-7	-6
-25	-36	-18	18	37	38	36	29	12	-2	1	15	23	8	-19	-37	-25	9	32	29
5	-9	-9	-16	-35	-34	-20	-12	-13	-6	17	38	36	15	-13	-32	-23	-9	-2	1
-11	-16	4	23	14	-17	-18	2	-29	-55	-33	-7	12	15	15	12	3	-24	-47	-48
-25	2	15	30	32	15	-6	-27	-30	-27	-36	-39	-19	-6	-20	-14	17	26	18	-3
-18	-11	15	32	36	43	36	-3	-37	-43	-33	-23	-23	18	33	32	14	-12	-23	-27
-17	9	28	39	42	30	2	-14	-22	-23	-10	2	-8	-18	-13	2	19	22	17	17
14	9	4	7	19	30	29	18	8	-2	-5	1	14	19	19	12	-5	-20	-24	-19
-5	20	37	40	33	18	5	14	28	25	15	6	2	12	24	12	18	5	-11	-18
-19	-15	-2	18	28	32	21	8	-3	-15	-20	-9	9	22	24	24	21	17	14	10
3	-10	-24	-36	-40	-23	12	34	32	22	9	-4	-10	-8	-8	-11	-6	0	5	10
18	24	25	13	-2	-4	-1	-5	2	16	21	12	3	-10	-23	-28	-16	1	20	21
12	0	-3	11	16	15	11	3	8	21	27	30	30	23	11	1	-4	-4	1	5
5	1	-4	-9	-13	-13	-10	-5	7	18	17	13	3	-1	-21	-2	-6	-15	-9	-1
-2	-7	-19	-29	-35	-30	-25	-17	-4	7	10	12	8	-6	-6	-19	-7	9	13	13
12	8	-5	-17	-21	-17	-4	20	31	26	21	21	21	12	0	2	4	0	-9	-10
-2	6	11	9	5	6	13	8	-3	-7	8	-6	2	7	6	6	2	-6	-11	-12
-10	-3	4	8	11	10	7	1	-3	0	8	3	1	1	1	1	1	1	0	-1
-5	-7	-4	-1	0	-3	-6	-5	-1	0	-2	-6	-7	-4	-1	0	-1	-4	-8	-9
-10	-14	-14	-11	-13	-15	-11	-9	-6	2	9	6	1	-1	-1	-1	-3	-7	-5	-1
-1	-1	-1	-2	-5	-5	3	5	0	-2	-5	-8	-4	2	6	3	1	5	6	1
2	6	5	0	-9	-17	-16	-13	-8	-3	3	4	-4	-12	-15	-17	-17	-17	-17	-14
-6	-6	-14	-12	-5	-3	-7	-6	-2	-2	-5	-7	-3	2	4	-6	-16	-16	-13	-8
-3	-3	-8	-12	-16	-17	-15	-11	-4	4	5	-6	-16	-25	-28	-19	-11	-7	0	7
11	13	12	3	-12	-16	-9	-1	8	12	14	11	7	1	-4	-7	-6	1	8	12

17	21	21	16	12	8	1	-8	-14	-12	-7	-3	3	13	15	10	9	6	2	1
2	1	0	-5	-11	-10	0	0	9	11	11	6	-2	-6	-4	4	10	9	4	-3
-11	-13	-12	-10	-6	-3	-3	-3	0	7	15	27	28	21	16	10	6	1	-3	-3
9	13	2	-2	0	11	10	9	-1	3	10	5	1	-3	2	13	17	13	1	-5
-4	-4	-3	-5	-9	-11	-10	-4	2	-3	-11	-16	-15	-6	-4	-8	-8	-4	-4	-7
-6	-1	4	7	5	1	-3	-7	-7	-3	5	7	0	-7	-10	-10	-5	0	5	3
1	1	4	8	8	2	-1	5	7	10	15	14	10	7	-3	-12	-13	-11	-7	-2
4	7	9	14	16	15	16	15	10	2	-2	0	6	6	-8	-14	-9	-2	-1	-1
-1	0	3	6	6	3	0	-1	-1	-2	-6	-7	-4	-2	-5	-8	-9	-9	-9	-9
-9	-9	-7	-3	-1	-3	-7	-11	-15	-16	-15	-11	-1	3	1	-1	-4	-8	-11	-10
-5	1	2	-6	-9	-5	0	3	6	4	1	1	4	7	8	8	6	2	0	-1
-2	-4	-7	-9	-9	-8	-6	-2	-1	-1	-1	-1	0	2	6	8	7	7	1	-5
-9	-8	-7	-5	-2	-2	-6	-9	-14	-17	-18	-15	-8	2	-2	8	8	0	1	-1
3	3	4	6	9	12	14	12	4	-3	-8	-12	-8	-2	-6	-3	-3	-3	-1	2
6	1	0	4	9	10	3	-4	-3	-3	-3	-12	-11	-9	-6	0	7	9	8	8

IIW345 70.040.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 STATION NO. 268 J.P.L., 9TH FL., PASADENA, CAL.
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 25.3 CM/SEC/SEC AT 3.24 SEC VELO = -2.0 CM/SEC AT 8.82 SEC DISP = 1.5 CM AT 7.42 SEC

INITIAL VELO = -0.22902 CM/SEC INITIAL DISP = 0.36465 CM
 1134 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

9	-12	-21	-25	-47	-72	-69	-49	-23	7	31	52	69	68	53	24	-10	-39	-80	-96
-100	-106	-88	-46	2	39	70	105	124	126	110	78	58	-9	-47	-64	-62	-46	-16	18
40	51	51	40	31	32	47	47	20	-22	-61	-112	-108	-196	-177	-113	-36	-1	8	8
15	28	32	30	41	61	47	10	-37	-60	-41	7	54	89	93	89	86	86	87	91
83	56	18	-26	-63	-80	-72	-21	53	87	90	63	51	3	-45	-82	-114	-136	-154	-164
-170	-163	-140	-104	-55	9	70	109	137	155	170	167	129	77	40	28	24	29	31	8
-35	-72	-61	-31	-14	5	24	43	51	47	36	15	-12	-54	-39	-44	-48	-33	-10	8
21	46	64	57	15	-19	-38	-57	-87	-109	-119	-120	-116	-123	-119	-75	-8	60	127	186
241	252	253	225	162	74	-1	-56	-100	-111	-102	-80	-57	-29	4	33	43	45	59	58
44	19	-7	-13	-29	-60	-85	-98	-96	-76	-42	-5	23	33	37	37	16	-19	-32	-31
-28	-27	-33	-34	-27	-11	-3	1	6	16	39	76	124	171	179	140	88	43	-1	-29
-46	-57	-55	-51	-40	-19	4	26	49	65	61	35	-9	-55	-76	-85	-86	-92	-90	-83
-70	-50	-28	2	31	35	16	4	4	23	51	66	69	73	65	44	33	50	55	36
1	-27	-41	-46	-41	-21	6	5	-18	-41	-51	-50	-44	-40	-33	-41	-20	-16	12	59
73	64	57	34	6	-22	-37	-33	-12	8	30	60	80	91	100	99	70	39	11	-26
-36	-15	1	0	-8	-6	-2	-1	3	12	18	7	-9	-23	-63	-104	-119	-132	-132	-103
-45	5	22	1	-42	-75	-89	-84	-80	-38	-28	-20	-22	-40	-55	-59	-43	-19	15	71
128	172	183	157	102	58	31	21	19	25	42	53	43	22	4	0	17	48	80	85
55	22	-1	-27	-46	-66	-100	-141	-164	-168	-153	-135	-126	-120	-117	-118	-117	-99	-61	-32
-7	13	13	-4	-20	-30	-33	-33	-33	-27	-5	26	57	84	121	145	149	150	139	125
108	87	64	41	27	26	26	26	26	27	35	46	65	69	56	30	-5	-41	-79	-112
-138	-158	-175	-184	-182	-170	-155	-140	-109	-59	-25	-8	7	13	8	2	-6	-18	-25	-19
-10	3	20	49	86	124	160	180	180	164	135	108	72	39	27	32	37	29	20	9
-6	-24	-36	-34	-15	2	12	-3	-34	-54	-74	-100	-122	-120	-89	-63	-49	-46	-55	-69
-78	-74	-61	-31	13	39	57	66	52	32	26	33	53	72	84	77	57	39	24	17
18	31	46	52	47	39	31	25	18	7	1	0	6	11	0	-16	-38	-54	-56	-58
-56	-54	-60	-65	-59	-45	-26	-20	-19	-22	-24	-19	-10	3	12	41	17	6	-2	-7
-4	1	7	20	38	44	33	19	11	13	18	21	26	31	36	42	49	47	33	11
-13	-36	-50	-56	-54	-44	-39	-37	-40	-43	-42	-43	-41	-33	-19	-3	6	2	1	4
7	8	13	28	39	42	42	43	41	34	24	10	0	-2	1	9	19	28	29	22
10	-7	-18	-20	-14	-5	3	15	25	25	10	-6	-8	-10	-8	-4	-4	-17	-31	-40
-39	-34	-22	-11	2	11	12	8	5	4	6	15	35	47	42	37	28	14	2	-2
2	8	13	24	34	31	23	10	12	15	26	34	49	19	5	-11	-17	-8	4	10
18	21	17	3	-19	-42	-56	-55	-55	-54	-48	-40	-43	-45	-39	-34	-29	-24	-15	-1
8	15	17	12	10	10	11	15	23	38	47	52	58	59	56	51	46	42	41	37
25	13	4	2	10	15	11	7	-1	-13	-22	-25	-25	-25	-26	-29	-36	-45	-53	-56
-52	-43	-41	-38	-26	-16	-16	-16	-16	-16	-10	3	2	-9	-18	-23	-19	-11	4	22
31	39	37	27	13	9	10	14	25	33	42	53	57	46	32	16	6	1	-6	-11
-7	-5	-9	-19	-29	-35	-33	-29	-24	-17	-5	2	0	-11	-27	-41	-50	-51	-43	-36
-31	-30	-26	-14	-2	7	6	7	16	13	11	14	12	8	9	13	18	23	27	33
39	42	47	55	50	44	26	7	-2	-4	-11	-17	-30	-37	-25	-21	-29	-24	-12	-14
-22	-30	-38	-45	-47	-44	-39	-32	-21	-8	2	8	11	12	16	25	28	29	33	39
36	24	19	19	15	14	20	27	33	34	29	19	7	-6	-17	-21	-21	-21	-21	-21
-21	-15	-6	-4	1	3	-10	-20	-30	-35	-34	-41	-44	-40	-35	-30	-25	-25	-20	-13

3	5	1	-7	-12	-11	-10	-4	7	17	22	30	38	39	33	26	22	30	31
27	18	9	6	8	17	21	22	25	28	24	15	9	1	-10	-17	-18	-15	-6
4	3	-6	-11	-12	-12	-15	-20	-22	-21	-10	-2	-10	-5	11	17	16	22	37
38	15	10	8	3	0	0	2	5	5	5	8	15	16	8	5	9	9	4
-1	-3	1	2	4	8	13	10	1	-6	-11	-14	-14	-14	-13	-10	-13	-25	-27
-22	-12	-5	3	5	1	-9	-12	-8	-5	1	10	17	20	19	17	21	19	16
20	38	40	33	21	15	16	15	6	-6	-9	-8	-6	2	1	-15	-25	-25	-29
-30	-29	-29	-27	-33	-38	-40	-34	-23	-6	9	13	7	3	-1	-1	2	6	7
8	5	-1	-6	-3	3	7	6	2	3	4	7	13	11	2	-10	-21	-31	-32
-27	-22	-21	-20	-20	-19	-15	-10	-8	-3	1	1	-6	-16	-18	-16	-7	1	8
15	14	11	7	5	5	4	-6	-8	-9	-12	-11	-7	-4	-3	-2	-1	0	1
5	-3	2	9	12	9	7	8	9	9	10	11	10	7	-3	-2	-1	3	8
10	4	0	-4	-10	-13	-9	-8	-12	-13	-12	-10	-7		4	2	1		

IIW345 70.040.0 LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0630 PST
 STATION NO. 268 J.P.L., 9TH FL., PASADENA, CAL.
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 34 16 12N, 117 32 24W
 COMP S08W 34 12 01N, 118 10 25W

PEAK VALS ACCLN = 37.1 CM/SEC AT 1.68 SEC VELO = -2.7 CM/SEC AT 2.62 SEC DISP = 1.2 CM AT 6.96 SEC

INITIAL VELO = 0.60846 CM/SEC INITIAL DISP = -0.11581 CM
 1136 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-49	-89	-124	-176	-147	3	30	0	-33	-14	23	30	-6	-77	-164	-78	-24	38	100	135	111	63	5
-61	-124	-176	-147	-56	2	36	71	106	106	106	106	36	-77	-164	-78	-24	38	100	135	111	63	5
3	40	75	107	132	148	155	80	-12	-116	-116	-116	-186	-192	-167	-131	-80	-83	-17	-1	-9	-33	-30
37	98	167	180	132	56	-15	-103	-158	-165	-165	-165	-132	-77	-27	1	-16	-80	-23	-1	18	30	25
-163	-161	-19	243	371	308	178	55	60	115	138	111	69	71	84	100	91	20	-70	-98	-85	-73	-109
-177	-64	71	138	99	8	-65	-71	-106	-197	-197	-271	-257	-124	24	43	26	188	277	357	321	194	-27
11	44	36	-8	-58	-89	-80	-93	-130	-152	-152	-121	-1	106	136	152	68	35	-21	-68	-102	-155	33
99	100	105	66	-5	-93	-140	-124	8	165	197	159	116	84	74	188	277	357	321	194	-27	-102	33
-123	-160	-222	-265	-228	-143	-39	25	57	90	110	109	59	-35	-134	-197	-207	-187	-162	-155	-9	-9	33
-143	-121	-89	-68	-21	73	165	245	270	259	237	195	136	46	-50	-103	-95	-46	-9	-9	-9	-9	33
114	207	253	224	137	23	-43	-30	19	50	16	-37	-79	-106	-113	-83	-40	-9	-9	-9	-9	-9	47
87	81	42	-28	-98	-139	-156	-153	-137	-122	-137	-174	-208	-213	-173	-51	75	166	216	194	194	194	47
123	23	-47	-90	-95	-57	2	26	-7	-41	-54	-39	8	84	156	223	270	259	139	-36	-36	-36	47
-118	-153	-142	-66	65	175	214	199	143	66	-3	-45	-64	-63	-45	-28	-58	-111	-153	-169	-169	-169	47
-151	-106	-52	-18	1	39	78	70	15	-33	-101	-127	-75	-3	7	-18	-59	-79	-72	-70	-70	-70	47
-75	-71	-41	28	99	156	167	111	31	-19	-23	26	90	94	43	7	21	52	88	75	75	75	47
45	24	23	41	54	28	-19	-63	-93	-87	-43	-1	40	54	27	-9	-33	-55	-73	-82	-82	-82	47
-67	-56	-58	-52	-11	29	19	-21	-61	-73	-83	-93	-96	-92	-53	33	93	87	31	-39	-39	-39	47
-79	-78	-49	-8	29	44	44	55	60	40	2	-31	-19	27	69	92	93	67	33	-6	-6	-6	47
-32	-35	-15	14	56	68	27	-30	-59	-45	-11	-1	-6	-22	-16	7	16	-3	-29	-52	-52	-52	47
-61	-57	-57	-45	-18	19	30	11	-20	-53	-67	-50	-40	-29	2	34	53	63	58	45	45	45	47
29	10	1	-21	-32	-34	-26	-13	-1	-56	-45	-8	7	-6	-10	5	20	46	44	3	3	3	47
-18	-18	-10	-21	-32	-34	-26	-13	-1	-56	-45	-8	7	-6	-10	5	20	46	44	3	3	3	47
51	58	58	46	29	5	-15	-4	4	-14	30	32	11	-29	-80	-107	-107	-82	-31	27	27	27	47
64	47	38	31	21	9	-2	-13	-20	-19	-24	-41	-32	-27	-28	-30	-19	13	43	67	67	67	47
-62	-60	-26	20	30	-4	-42	-74	-94	-101	-86	-39	13	57	70	81	46	1	-31	-51	-51	-51	47
-91	-71	-26	12	36	41	20	9	20	30	-16	-12	-9	81	83	70	47	12	-30	-63	-63	-63	47
-70	-46	8	61	101	106	98	69	33	1	-16	-12	-9	81	83	70	47	12	-30	-63	-63	-63	47
-43	14	36	46	47	35	7	-23	-46	-56	-54	-37	-11	13	10	-23	-25	-54	-73	-77	-77	-77	47
67	100	99	69	26	-8	-24	-22	-9	3	14	35	51	67	74	72	63	49	32	20	20	20	47
13	-11	-28	-20	-16	-19	-11	3	-6	-13	-3	28	36	9	-40	-75	-77	-73	-58	-45	-45	-45	47
-51	-54	-54	-41	-27	-21	-21	-24	-19	-10	3	20	23	1	-23	-21	-21	-21	-21	-21	-21	-21	47
35	40	41	47	51	49	37	44	57	57	49	31	24	22	12	17	37	50	36	14	14	14	47
-11	-33	-43	-34	-28	-28	-42	-54	-55	-51	-43	-32	-23	-24	-30	-39	-41	-29	-18	-15	-15	-15	47
-20	-23	-15	0	13	22	30	51	27	28	-43	-32	-23	-24	-30	-39	-41	-29	-18	-15	-15	-15	47
47	7	-14	-15	-8	1	15	38	54	45	19	-10	-22	-24	-10	-3	-1	-3	-11	-21	-21	-21	47
-29	-34	-33	-28	-22	-9	2	9	0	-19	-43	-52	-42	-36	-25	-8	-1	-6	-7	-6	-6	-6	47
-5	-5	-2	7	13	11	8	13	24	26	19	4	8	27	46	64	53	37	16	2	2	2	47
-2	4	18	14	8	7	13	22	27	21	10	-4	-11	-9	-7	-15	-27	-40	-48	-48	-48	-48	47
-38	-28	-28	-31	-35	-36	-34	-24	-14	-20	-31	-41	-37	-16	-5	2	5	-1	0	13	13	13	47
29	49	59	55	52	51	46	38	30	32	34	31	22	13	10	18	27	23	13	-3	-3	-3	47
-13	-11	-5	-15	-43	-74	-81	-75	-60	-56	-64	-64	-56	-41	-26	-15	-34	-56	-62	-60	-60	-60	47
-41	-3	25	21	-6	-13	-2	8	13	15	17	24	29	26	22	22	19	15	10	8	8	8	47
9	14	24	24	19	11	3	1	2	2	9	20	24	18	10	2	1	-7	-23	-37	-37	-37	47

-49	6	-51	-37	-16	0	4	-8	-28	-32	-26	-18	-13	-9	-8	-2	-8	-2	-2	-1	-3	-7	-4	0
29	19	20	31	30	26	24	21	19	14	6	1	0	1	6	13	6	19	15	18	21	24	29	32
-15	-20	-26	10	1	-10	-16	-17	-17	-17	-18	-21	-24	-21	-11	-2	-21	-20	-20	0	-1	-1	-4	-9
15	18	18	-26	-27	-21	-15	-7	2	8	9	10	18	21	21	18	21	3	1	10	-3	-4	4	10
-10	-5	-11	18	18	19	22	24	23	20	12	6	11	20	25	22	25	-2	-7	12	-1	-16	-18	-16
			-11	-20	-24	-24	-16	-16	-24	-28	-26	-16	-3	-2	-7	-2	15	-20	-20	-31	-34	-29	-21
-11	0	0	5	0	-8	-10	-6	-2	2	7	17	22	21	19	15	19	9	9	9	2	0	7	13
14	14	14	16	19	14	-3	-10	5	18	18	8	-6	-16	-21	-20	-21	-20	-20	-20	-20	-17	-11	-11
-5	-4	-4	-9	-18	-22	-22	-22	-18	-11	-4	1	5	9	8	3	8	3	3	-2	3	16	14	6
-2	-2	-2	9	12	12	13	12	8	7	8	6	3	1	1	1	1	1	2	2	4	8	1	1
-3	-8	-8	-11	-11	-9	-10	-14	-20	-26	-14	7	6	-5	-24	-38	-24	-38	-44	-43	-34	-25	-14	-14
-5	-3	-3	-3	3	8	12	15	16	16	10	4	18	41	45	36	45	38	38	52	65	73	71	71
60	47	47	40	39	42	53	59	58	56	52	51	44	38	45	49	45	44	44	52	65	73	71	71

IIW345 7C.04.0.0
STATION NO. 268
INSTR PERIOD = 0.050 SEC DAMPING = 0.591
LYTLE CREEK EARTHQUAKE SEP 12, 1970 - 0650 PST
J.P.L., 9TH FL., PASADENA, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 34 16 12N, 117 32 24W
CUMP DOWN 34 12 01N, 118 10 25W

PEAK VALS ACIN = 37.5 CM/SEC/SEC AT 3.40 SEC VELU = 2.3 CM/SEC AT 5.52 SEC DISP = -1.9 CM AT 3.00 SEC

1136 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.54924 CM/SEC INITIAL DISP = 0.72351 CM

-32	-51	10	57	38	-7	-20	-15	-42	-66	-33	32	41	-42	-123	-65	41	79	81	62
24	-36	-103	-64	22	37	5	-46	-86	-96	-50	20	57	63	57	49	21	-72	-165	-96
28	127	140	86	74	117	29	-181	-256	-63	117	103	12	-19	-36	-54	-63	-69	-10	119
163	-3	-218	-156	102	242	228	132	-58	-220	-231	-106	41	69	44	12	-40	-118	-148	-77
51	124	191	149	2	-85	-81	-110	-130	-67	89	235	248	126	-79	-247	-227	-74	116	220
233	194	117	1	-104	-48	93	48	-186	-324	-208	63	311	313	134	-94	-260	-298	-200	32
248	305	203	54	-87	-122	-114	-88	-16	116	230	244	135	-81	-206	-184	-59	-41	-23	66
160	180	93	-141	-292	-201	-58	-19	-2	152	320	280	90	-48	-91	-99	-91	-108	-67	69
175	140	34	-33	-106	-240	-299	-239	-25	256	375	272	71	5	-23	-112	-174	-120	32	141
110	-29	-103	-70	-18	-34	-86	-59	60	195	202	134	60	7	-39	-90	-82	-2	94	161
95	-55	-98	8	69	61	12	-47	-82	-82	-48	-22	-29	-20	16	48	46	56	92	95
12	-70	-101	-69	-14	21	61	56	25	13	29	42	21	-11	-14	-36	-87	-111	-51	23
36	34	39	76	106	90	-13	-141	-148	-30	142	181	156	104	-38	-184	-172	-29	77	69
13	-44	-90	-71	2	34	49	67	56	-51	-114	-37	92	133	-128	116	36	-87	-137	-127
-66	11	100	101	-27	-142	-154	-110	-62	-22	45	70	51	-18	-41	10	50	71	52	24
10	1	-6	-37	-58	-18	46	63	28	-18	-53	-52	-30	-9	-4	-40	-110	-138	-24	190
264	191	19	-176	-258	-183	-4	190	250	165	-31	-187	-204	-79	112	138	45	-79	-151	-119
-65	21	104	156	144	45	-82	-164	-164	-92	-25	47	138	112	17	-114	-179	-68	83	136
111	18	-70	-80	6	31	-23	-59	-59	-59	-54	-3	59	49	-3	-48	-91	-88	-31	43
120	129	51	-15	-36	-30	-28	-25	-24	-14	-12	-27	-40	-31	-19	-30	-40	-18	15	39
27	-21	-99	-90	48	155	157	86	1	-91	-147	-123	-13	106	148	100	-26	-135	-152	-20
119	99	0	-56	-58	-57	-72	-77	-56	-17	20	37	69	114	102	16	-97	-164	-154	-45
98	147	95	20	-25	-43	-74	-93	-89	61	17	-65	-71	5	79	86	48	-21	-82	-111
-86	-35	80	162	125	14	-74	-93	-89	-75	-44	-1	24	23	-18	-62	-79	-49	-11	16
21	28	52	47	35	26	26	26	0	-33	-41	-20	11	32	33	14	-5	-31	-47	-36
-9	16	43	48	25	-19	-39	-29	-15	-15	-19	9	45	18	-27	-30	-17	-2	21	27
3	-42	-49	-13	22	32	17	-24	-51	-54	-13	21	38	27	-6	-45	-57	-34	-26	-34
-29	-3	23	42	61	56	17	-32	-44	-9	22	28	35	40	23	-17	-46	-36	-1	9
-16	-34	-21	15	48	24	-13	-35	-33	-26	-28	-31	-20	15	65	81	55	7	-21	-23
-16	-5	15	55	55	-31	-79	-48	21	68	73	33	5	-10	-22	-59	-26	-11	11	35
63	66	33	-22	-48	-31	-15	21	68	68	28	-5	-22	-28	-37	-51	-12	-6	-2	26
43	-3	-61	-84	-38	14	41	68	82	59	19	-4	-10	-13	-13	-17	-10	19	53	63
15	-48	-73	-57	5	75	98	57	-5	-50	-54	-31	17	53	52	23	-9	-21	1	33
58	64	22	-33	-77	-65	-19	25	60	65	40	-16	-59	-53	-20	17	51	55	34	-7
-24	-14	0	2	-4	0	31	62	82	41	20	10	10	2	-16	-26	-17	-18	-14	7
27	29	15	0	-13	-16	8	14	-7	-2	9	-4	-14	-16	-15	-5	10	31	28	-6
-25	-15	-8	-7	-7	-2	14	-1	-21	-12	13	24	10	-13	-23	-2	26	35	3	-30
-49	-38	-10	20	43	23	-29	-60	-92	-26	35	77	64	1	-54	-47	-16	16	15	-1
-13	-24	-17	-5	-19	-24	-24	-24	-22	-16	-2	18	17	-9	-34	-30	-10	17	24	-3
-28	-24	0	22	25	15	-5	-25	-27	-10	9	11	-6	-22	-19	4	25	31	12	-18
-40	-43	-25	14	51	42	3	-25	-31	-25	-6	16	34	34	5	-33	-37	-10	14	-8
-28	-12	11	31	47	22	-8	-26	-18	-6	2	4	4	-8	-20	-15	3	6	0	-18
-28	-15	16	28	13	-9	-16	-9	12	30	29	11	-17	-37	-27	-10	4	12	14	14
2	-16	-18	-14	-2	3	-5	-5	5	11	12	5	-3	-8	-7	1	10	22	31	15

-5	-22	-15	15	36	31	14	-17	-32	-27	-14	4	21	25	19	7	-7	-12	-7	-3
0	-5	-11	-2	21	30	19	-8	-20	-8	0	-1	-1	1	11	17	-3	-20	-13	-2
-2	-6	-8	-8	-13	-24	-24	-3	16	27	31	23	19	17	15	8	0	-8	-13	-10
-10	14	17	3	-17	-30	-13	5	21	28	17	0	-2	8	20	34	35	18	11	0
15	-4	11	12	3	-7	-15	-10	-5	11	14	-3	-9	-2	5	8	-2	-17	-12	1
	30	23	-2	-34	-35	-25	-25	-23	-18	-6	9	16	21	14	-11	-35	-46	-18	24
48	37	-7	-25	-29	-22	3	34	40	27	9	-10	-23	-22	-3	13	4	-8	5	20
22	11	1	-8	-9	0	4	4	8	16	15	7	-1	-6	-5	-8	-17	-26	-23	-14
-5	3	6	5	5	5	5	4	-1	-8	-9	-6	-2	1	1	-4	-3	6	13	12
0	-12	-23	-26	-17	-7	3	10	8	-5	-5	1	8	11	9	2	-12	-18	-9	2
12	9	0	-14	-13	-3	6	16	14	6	-3	-10	-9	4	18	34	28	-1	-25	-42
-38	-14	17	27	15	-16	-35	-24	-14	1	4	4	1	-8	-19	-18	1	10	7	-2
-18	-23	-11	-4	-7	-8	-13	-27	-31	-29	-27	-19	-20	-18	3	6				

IIY370 68.099.0 BOKREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 113 S. CALIF. EDISON CO., CULTON, CAL. CUMP SOUTH 34 03 34N, 117 18 45W
INSTR PERIOD = 0.065 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -21.5 CM/SEC/SEC AT 8.96 SEC VELO = -3.5 CM/SEC AT 15.10 SEC DISP = 4.3 CM AT 12.78 SEC

INITIAL VELO = 0.71503 CM/SEC INITIAL DISP = 0.25274 CM
4243 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-19	-7	-34	-33	1	-10	-29	-27	-18	-11	-3	1	-3	-9	-16	-21	-17	-4	5	15	17	4
-18	-34	-1	-22	-14	-2	-13	-13	-30	-46	-56	-57	-27	13	29	-30	-29	-22	-12	2	20	25
18	13	12	11	8	7	7	-2	-7	-8	-6	-12	-14	-1	11	5	11	44	40	30	17	5
-5	-8	-1	8	7	-3	-3	-16	-16	-14	-5	12	17	12	5	-2	-5	-15	-9	-3	2	7
12	13	10	7	-3	1	11	10	6	6	3	2	2	3	0	-11	-17	-8	2	2	0	-5
-11	-17	-21	-14	1	-3	-1	-1	-12	-12	-25	-28	-19	-7	5	10	0	-12	-24	-35	31	48
52	21	-17	-24	-13	-3	-1	-1	-1	8	12	11	4	-3	-7	-9	-11	-12	-24	-35	-36	-32
-30	-29	-27	-25	-18	-8	-8	-8	2	8	-19	-35	-19	11	26	24	18	-12	-11	-11	-10	-9
-7	-5	-3	-1	1	-1	1	-34	-23	-10	-1	-5	-8	-5	-2	0	2	13	7	2	-4	-9
-11	-11	-13	-21	-32	-1	-1	-2	-3	-4	-5	-5	-3	-1	0	2	3	2	-1	-3	11	16
26	29	20	5	-1	-3	-1	-2	-3	-4	-5	-5	-3	-3	19	7	-5	-28	-27	-20	-5	-5
-1	4	9	7	-3	-10	-7	-10	-6	1	7	14	20	19	7	-5	-18	-28	-27	-20	-13	-9
-8	-6	-4	-2	-1	-7	-7	-7	-22	-31	-28	-23	-18	-12	-4	4	12	16	9	-2	-12	-12
0	13	18	16	12	10	10	10	10	10	9	4	-3	-8	-14	-18	-19	-18	-14	-7	1	8
19	35	46	27	-8	-22	-23	-22	-23	-24	-25	-26	-26	-24	-18	-13	-9	-7	-5	-2	6	13
10	-2	-7	-5	-2	1	5	1	5	10	13	8	4	6	18	27	30	33	31	21	7	-3
-12	-19	-30	-36	-22	0	10	0	10	12	13	14	1	-13	-1	18	33	42	43	30	11	-1
-6	-9	-12	-16	-9	8	20	8	20	28	18	-8	-28	-28	-16	-5	-3	-14	-29	-35	-23	-2
17	22	15	7	-1	-9	-8	-9	-8	11	20	11	-1	-13	-24	-23	-11	1	16	40	60	60
49	38	27	22	19	16	13	16	13	10	7	4	6	13	22	36	53	57	46	32	19	13
18	26	33	40	45	48	52	48	52	51	41	27	15	-1	-21	-43	-63	-81	-87	-74	-57	-43
-38	-39	-40	-41	-42	-38	-19	-51	-112	-175	-215	-189	-134	-86	-65	-58	-54	-23	95	88	100	129
152	139	101	62	12	-52	-48	-52	-48	-25	6	17	-61	-148	-128	-58	0	25	37	59	56	51
47	62	92	66	66	-12	-52	3	-69	-171	-204	-142	-66	7	85	122	113	108	126	141	33	53
120	162	137	96	55	55	60	22	41	97	150	129	-44	-39	-45	7	66	80	6	-97	136	-68
-152	-84	37	88	60	-87	-78	-87	-78	-25	32	87	144	184	172	135	100	65	31	-2	-35	-68
-36	16	25	-12	-52	-8	42	-8	42	60	91	90	90	74	39	-19	-100	-167	-140	-46	49	135
-103	-126	-113	-84	-51	-112	-78	-112	-78	-46	-13	18	28	10	-10	-18	-12	-12	-22	-30	-20	1
136	57	-27	-106	-137	-112	36	67	36	-21	-74	-117	-105	-58	-11	30	43	39	34	30	28	36
12	-1	-19	-33	14	67	36	67	36	-21	-74	-117	-105	-58	-11	30	43	39	34	30	28	36
62	100	93	31	-41	-87	-116	-87	-116	-111	-73	-64	-79	-73	-47	-30	-69	-127	-123	-84	-47	-5
54	95	83	49	17	-12	-28	-12	-28	-33	-33	-12	19	30	47	55	29	-26	-80	-113	-121	-121
-111	-92	-74	-55	-38	-37	-49	-37	-49	-52	-36	-14	16	56	98	120	97	64	51	54	66	79
84	65	44	-5	-78	-69	-31	-69	-31	-38	-62	-85	-120	-165	-159	-96	36	1	23	44	-2	-77
-98	-85	-31	-2	-4	0	1	0	1	4	-10	-53	-83	-50	-2	37	66	75	47	14	5	13
21	32	53	76	22	-79	-107	-79	-107	-105	-102	-76	-44	12	33	12	-37	-95	-98	-78	-64	-48
-36	-24	-8	12	39	92	125	92	125	120	112	107	99	102	109	123	30	-127	-172	-162	-131	-97
-74	-32	-2	-4	-13	-21	-32	-21	-32	-42	-54	-50	-24	0	-37	-87	-84	-42	77	133	85	35
16	28	48	36	-10	-37	-37	-37	-37	-37	-39	17	-19	-22	-9	5	-12	-50	-62	-55	-26	-4
-10	-21	-32	-19	14	32	36	32	36	41	46	52	59	60	58	33	-5	-23	-15	-7	-8	-12
-6	13	36	49	43	31	11	31	11	-11	-19	-21	-24	-20	-7	9	6	-20	-6	44	82	99
103	96	85	78	77	82	90	82	90	92	60	31	30	32	34	35	37	32	14	-6	-27	-39
-22	-3	1	0	-1	2	33	2	33	66	53	22	-7	-22	-16	-5	4	14	24	28	13	-5
-26	-42	-72	-81	-39	-13	1	-13	1	16	7	-15	-12	17	33	36	37	38	42	55	67	83

69	9	-44	-76	-92	-91	-43	40	111	128	110	93	85	89	83	48	14	21	51	79
82	48	6	-34	-76	-120	-158	-162	-143	-124	-106	-88	-74	-62	-49	-33	-6	21	40	57
73	82	88	92	98	81	29	6	12	18	23	28	34	34	23	12	-4	14	62	40
-20	-70	-80	-45	-4	33	42	23	1	-20	-41	-44	-25	-2	20	35	39	40	42	44
46	47	49	49	16	-8	-1	8	17	25	34	32	-1	-43	-57	-57	-57	-57	-57	-57
-57	-41	-8	27	41	35	27	22	22	27	32	32	0	-57	-80	-67	-50	-41	-34	-23
-15	-17	-28	-38	-43	-36	-27	-16	-29	-58	-65	-67	-66	-63	-61	-60	-43	8	43	50
54	59	50	25	13	13	13	17	24	31	34	33	30	31	32	24	8	4	13	2
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[illegible]

IIY370 68.099.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 113 S. CALIF. EDISON CU., COLTON, CAL. COMP EAST 34 03 34N, 117 18 45W
 INSTR PERIOD = 0.066 SEC DAMPING = 0.591 ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 28.1 CM/SEC/SEC AT 14.14 SEC VELO = 2.7 CM/SEC AT 12.40 SEC DISP = -2.1 CM AT 20.38 SEC

4239 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

14	-1	-11	-10	0	-34	0	-9	-20	-26	-18	-5	4	1	-7	-15	-19	-15	-8	-4	-2
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IIY370 68-099.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 113 S. CALIF. EDISON CO., COLTON, CAL. CUMP UP 34 03 34N, 117 18 45W
 INSTR PERIOD = 0.066 SEC DAMPING = 0.591 ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACEN = -21.5 CM/SEC/SEC AT 12.06 SEC VELO = 1.8 CM/SEC AT 16.98 SEC DISP = -1.1 CM AT 15.44 SEC

INITIAL VELO = 0.12180 CM/SEC INITIAL DISP = 0.13144 CM

4235 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-24	14	4	-11	-32	-45	-28	3	10	-5	-8	1	2	-13	-22	-3	17	20	19	17
14	-13	-37	-24	-7	-7	-10	-11	-3	0	-12	-25	-19	-3	0	-7	-23	-33	-16	1
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8	2	8	15	10	12	25	31	25	14	2	1	10	15	10	0	-4	0	4	0
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-7	-1	2	-4	-6	0	6	2	-6	-11	-15	-8	5	18	20	7	-11	-21	-24	-26
-21	-13	0	8	5	0	-4	-7	-11	-10	9	23	28	20	-17	-37	-24	0	23	44
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I1Y371 68.103.0 BURRGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 281 ENGINEERING BLDG., SANTA ANA, ORANGE COUNTY, CAL. CUMP S86W 33 45 00N, 117 52 00W
INSTR PERIOD = 0.064 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 11.7 CM/SEC/SEC AT 23.66 SEC VELO = -4.3 CM/SEC AT 23.36 SEC DISP = -2.9 CM AT 24.28 SEC

INITIAL VELO = 0.03209 CM/SEC INITIAL DISP = 0.02035 CM
4116 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-1	-3	-6	-11	-15	-19	-19	-14	-10	-9	-7	-4	-1	2	1	-2	-6	-4	0	0
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[illegible]

IIY371 68.103.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 281 ENGINEERING BLDG., SANTA ANA, ORANGE COUNTY, CAL. CUMP UP 33 45 00N, 117 52 00W
 INSTR PERIOD = 0.064 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -5.7 CM/SEC/SEC AT 0.08 SEC VELO = -2.2 CM/SEC AT 37.30 SEC DISP = -1.9 CM AT 40.58 SEC

INITIAL VELO = 0.18304 CM/SEC INITIAL DISP = 0.02090 CM
 4111 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

12	-24	-45	-57	-57	-28	-45	-17	-18	-16	-12	-12	-4	19	38	37	26	11	3	6
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IIY372 68.080.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 130 TERMINAL ISLAND, SO. CAL. EDISON PLANT, LONG BEACH, CAL. COMP S69W 33 45 53N, 118 13 30W
INSTR PERIOD = 0.068 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 9.5 CM/SEC/SEC AT 20.58 SEC VELO = -2.9 CM/SEC AT 43.94 SEC DISP = -2.1 CM AT 44.90 SEC

2593 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = 0.55349 CM/SEC INITIAL DISP = -0.09069 CM

10	12	8	1	-10	-21	-31	-39	-46	-52	-55	-53	-47	-41	-35	-28	-17	-4	11	25
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IIV372 68-080.0 BURREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 130 TERMINAL ISLAND, SO. CAL. EDISON PLANT, LONG BEACH, CAL. COMP UP 33 45 53N, 118 13 30W
 INSTR PERIOD = 0.068 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 5.1 CM/SEC/SEC AT 27.04 SEC VELO = -1.8 CM/SEC AT 46.86 SEC DISP = -1.8 CM AT 38.48 SEC

INITIAL VELO = -0.04196 CM/SEC INITIAL DISP = -0.08542 CM
 2595 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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[illegible]

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IIV374 68.100.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 268 J.P.A.L., 9TH FL., PASADENA, CAL. CUMP SUBM 34 12 01N, 118 10 25W
INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACEN = 23.0 CM/SEC/SEC AT 11.46 SEC VELO = 4.3 CM/SEC AT 10.72 SEC DISP = -1.5 CM AT 9.46 SEC

2124 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -1.08228 CM/SEC INITIAL DISP = -0.49842 CM

-61	-46	-32	-17	0	25	47	64	76	83	87	87	88	89	94	100	109	113	109	99
86	70	50	27	0	-25	-39	-59	-81	-97	-104	-111	-114	-111	-99	-86	-74	-67	-63	-60
-63	-69	-72	-64	-56	-38	-15	7	28	54	79	100	115	128	138	146	154	156	147	128
109	87	64	51	45	45	47	48	45	36	23	4	-14	-32	-50	-64	-76	-81	-85	-88
-88	-82	-73	-61	-44	-24	-6	3	5	-6	-25	-41	-57	-65	-58	-41	-18	2	19	29
41	47	44	40	37	39	47	53	55	48	36	26	19	18	20	23	29	36	43	43
35	21	-2	-39	-71	-96	-106	-107	-102	-91	-81	-71	-71	-80	-86	-92	-94	-87	-69	-49
-31	-15	-10	-10	-10	-9	-8	-1	14	28	48	57	44	26	7	-8	-14	-11	0	19
48	81	107	122	130	128	118	105	87	67	50	39	33	27	13	-9	-22	-25	-22	-18
-17	-22	-32	-46	-67	-94	-111	-118	-118	-114	-105	-90	-75	-70	-72	-76	-81	-87	-91	-91
-88	-82	-79	-73	-59	-39	-14	6	22	38	55	71	87	105	121	125	126	125	123	119
111	99	88	83	85	89	93	92	80	66	50	35	12	-13	-33	-48	-56	-55	-56	-55
-56	-60	-59	-53	-39	-23	-16	-22	-40	-63	-83	-93	-94	-92	-87	-79	-72	-68	-65	-67
-82	-98	-105	-104	-96	-80	-60	-41	-24	-17	-15	-13	-8	-2	7	17	32	48	68	88
110	132	153	165	169	162	150	129	112	99	91	89	87	84	84	82	76	70	65	61
50	32	12	-19	-53	-90	-119	-138	-147	-146	-143	-136	-122	-107	-88	-73	-65	-60	-57	-53
-50	-55	-67	-79	-90	-91	-75	-46	-9	24	56	86	102	109	108	99	82	74	72	77
79	72	71	77	88	107	120	118	99	73	40	2	-25	-49	-67	-77	-85	-92	-96	-91
-86	-80	-75	-72	-69	-63	-55	-54	-63	-71	-79	-86	-85	-74	-54	-29	0	20	25	15
3	-6	-9	-10	-9	-3	7	18	29	38	43	44	45	51	66	76	83	90	90	83
76	68	59	49	38	23	9	0	-8	-11	-10	-8	-4	0	0	0	-1	-2	-4	-6
-10	-17	-24	-32	-40	-48	-55	-62	-64	-60	-54	-48	-36	-24	-14	-8	-10	-15	-22	-29
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56	51	47	45	43	38	26	5	-16	-35	-52	-61	-65	-66	-65	-62	-60	-61	-67	-76
-90	-104	-115	-126	-135	-138	-129	-111	-88	-54	-21	9	36	64	89	108	119	125	133	140
147	153	161	169	176	182	190	197	201	195	176	145	114	80	52	30	5	-20	-44	-65
-88	-116	-148	-172	-189	-202	-209	-214	-216	-217	-215	-212	-206	-197	-181	-165	-150	-136	-116	-92
-71	-54	-37	-17	14	52	92	126	153	177	200	217	225	230	230	226	218	204	183	162
146	134	123	112	100	86	71	55	38	18	-8	-41	-66	-86	-105	-120	-136	-155	-172	-182
-191	-198	-204	-208	-198	-180	-165	-152	-151	-146	-136	-124	-113	-100	-85	-65	-46	-29	-11	7
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168	156	138	116	91	58	22	-6	-29	-46	-60	-78	-96	-120	-153	-180	-194	-208	-216	-212
-201	-188	-181	-178	-176	-173	-165	-152	-143	-131	-113	-88	-62	-48	-40	-30	-11	17	45	69
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153	166	174	181	189	203	219	224	210	186	148	113	90	69	54	43	34	25	17	7
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-90	-87	-83	-77	-73	-71	-68	-58	-42	-26	-11	3	15	28	45	68	93	119	138	151
155	152	147	142	137	134	132	131	131	127	120	111	100	84	63	40	16	-8	-26	-40
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101	100	97	96	96	92	79	56	34	17	0	-7	-13	-16	-23	-34	-48	-60	-71	-76

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[illegible]

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[illegible]

11V375 68.055.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 264 MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. COMP NORTH 34 08 12N, 118 07 30W
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 9.8 CM/SEC/SEC AT 20.54 SEC VELO = -2.2 CM/SEC AT 24.34 SEC DISP = 1.7 CM AT 23.68 SEC

INITIAL VELO = 1.05990 CM/SEC INITIAL DISP = 0.11993 CM

2704 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

13	10	4	1	-2	-7	-12	-17	-19	-21	-22	-20	-17	-17	-19	-15	-13	-16	-24
-32	-33	-32	-34	-23	-19	-10	-6	-7	-5	-2	0	5	-3	-17	-22	-23	-23	-21
-21	-23	-20	-12	-7	-10	-14	-18	-16	-14	-11	-2	3	5	3	0	1	4	1
-6	-6	1	3	2	0	-1	-4	-7	-11	-8	0	3	6	10	17	23	17	9
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-6	-7	-10	-10	-8	-5	-4	-5	-4	-2	-1	0	1	-1	-3	-2	2	4	3
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IIY375 68.055.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 264 MILLIKAN, BSMT., CALTECH, PASADENA, CAL. COMP DOWN 34 08 12N, 118 07 30W
 INSTR PERIOD = 0.050 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -6.4 CM/SEC/SEC AT 24.64 SEC VELO = 1.1 CM/SEC AT 34.76 SEC DISP = 0.9 CM AT 36.58 SEC

INITIAL VELO = -0.03278 CM/SEC INITIAL DISP = 0.08088 CM
 2696 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-33	-20	-13	-7	0	5	5	7	9	7	4	1	-1	-3	-3	-1	1	2	-1	-5
-2	4	8	10	9	-4	-17	-27	-30	-23	-17	-13	-11	-13	-16	-14	-8	0	4	-4
-4	0	-5	-6	-5	-9	-4	-1	3	11	10	10	10	-13	0	-6	-17	-13	-9	-9
3	19	23	18	7	-2	-7	-2	4	-3	-10	-14	-13	-8	-3	0	0	-2	-6	-8
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19	24	23	23	25	24	10	2	5	5	4	0	-6	-10	-8	-2	-1	-3	-9	-14
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IIY376 68.104.0 BURREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 253 PASADENA, CALTECH, ATHENAEUM, CAL. COMP SOUTH 34 08 00N, 118 07 00W
INSTR PERIOD = 0.079 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -7.0 CM/SEC AT 33.60 SEC VELO = 2.1 CM/SEC AT 17.90 SEC DISP = 2.0 CM AT 18.50 SEC

INITIAL VELO = 0.16139 CM/SEC INITIAL DISP = -0.29727 CM
3016 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-1	-6	-7	-6	-7	-4	-1	3	6	6	6	3	-1	-3	-4	-2	-1	-3
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IIV376 68.104.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33°11'24N, 116°07'42W
 STATION NO. 253 PASADENA, CALTECH, ATHENAEUM, CAL. COMP UP 34 08 00N, 118 07 00W
 INSTR PERIOD = 0.082 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -3.8 CM/SEC/SEC AT 23.22 SEC VELO = -1.0 CM/SEC AT 31.38 SEC DISP = -1.1 CM AT 22.28 SEC

INITIAL VELO = 0.18710 CM/SEC INITIAL DISP = -0.09654 CM
 3021 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-14	-18	-19	-19	-15	-3	0	-1	-3	-5	-4	5	9	7	5	5	6	9	10
13	17	21	22	22	17	13	9	-2	-12	-18	-20	-21	-20	-15	-9	-3	-1	-3
-5	-6	-5	-1	2	-1	-1	-1	1	3	5	6	11	15	13	5	0	-2	-1
0	0	-5	-9	-13	-15	-13	-13	-12	-12	-12	-13	-13	-13	-14	-14	-13	-9	-3
1	6	11	14	18	20	21	22	21	19	17	13	7	0	-8	-4	0	3	4
3	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1	1	2	3	3	2	-4	-2	3	2	-2	-5	-10	-7	-6	-10	-14	-15	-9
-4	-3	-5	-5	-8	-9	-8	-8	-8	-7	-7	-7	-6	-6	-5	-1	2	3	3
0	-2	-4	-5	-8	-14	-16	-16	-13	-5	4	9	12	15	23	21	17	15	14
15	14	11	7	3	0	-2	-4	-6	-8	-11	-13	-19	-22	-22	-21	-17	-13	-7
-1	4	6	5	3	4	8	10	11	11	13	13	12	8	4	4	4	2	1
0	-1	-2	-2	-3	-4	-5	-7	-7	-4	2	3	3	3	2	2	5	7	10
11	8	6	3	2	2	3	3	3	3	3	4	5	4	1	-2	-3	-3	-3
-3	-3	-8	-9	-8	-8	-7	-6	-6	-5	-5	-4	-2	0	3	5	6	8	9
7	6	4	3	0	-2	-4	-5	-7	-8	-7	-5	-2	-6	-7	-7	-6	-6	-6
-6	-6	-5	-4	-3	-1	2	4	7	9	10	10	11	10	11	11	12	10	8
5	2	-1	-2	-3	-3	-5	-3	-2	-2	-2	-3	-6	-9	-21	-21	-15	-9	-6
-5	-5	-5	-4	3	8	10	11	11	10	9	8	7	5	0	-2	-2	-2	-2
-2	-2	-2	-1	2	6	11	13	13	13	14	13	10	4	-3	-6	-12	-14	-11
-7	-8	-7	-7	-4	-2	-3	-4	-4	-4	-2	-6	-9	-7	0	2	3	2	0
0	2	2	1	-3	-2	1	4	4	1	-2	-7	-9	-9	-5	-3	-3	-3	-2
-1	-1	-1	-1	0	2	3	3	2	-1	-2	-3	-3	-4	-7	-7	-5	-3	0
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-9	-8	-8	-5	-1	3	4	5	4	5	5	5	5	5	6	10	13	11	9
6	10	6	1	-3	-5	-7	-8	-8	-8	-6	-4	0	7	8	6	6	-1	-4
-6	-5	-7	-8	-6	-2	2	3	4	4	4	5	5	5	5	4	5	7	9
8	5	3	2	0	-3	-4	-6	-7	-4	-1	0	-1	-1	-1	-1	-1	-2	-4
-6	-7	-5	0	6	10	13	14	15	15	15	15	15	12	5	3	2	0	-2
-1	0	0	1	1	1	1	1	1	0	0	-2	-2	-1	4	5	6	8	12
12	11	9	8	7	7	8	7	4	3	3	3	2	-1	1	2	1	1	1
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14	13	11	9	7	8	8	9	9	8	7	6	7	8	14	15	14	12	10
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-5	-4	-4	-5	-8	-12	-15	-17	-20	-21	-21	-20	-18	-16	-12	-7	-3	0	2
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-22	-19	-13	-7	-3	-8	-8	-6	-5	-7	-7	-5	-7	-5	5	10	10
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-9	-9	-9	-9	-9	-9	-9	-6	-5	-7	-6	-5	-5	-5	-5	-5	-5	-5	-2	-3	-4
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-7	-7	-7	-7	-7	-7	-7	-6	-5	-5	-4	-4	-3	-2	-2	-2	-2	-2	-6	-6	-7
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-9	-7	-6	-6	-6	-4	-3	-4	-4	-2	-2	-2	-11	-10	-10	-10	-10	-10	-9	-9	7
7	4	4	4	4	4	4	6	6	4	3	3	3	3	3	3	3	3	6	6	2
1	1	-1	-2	-2	-3	-2	-1	-1	0	0	0	-1	-1	-1	-1	-1	-1	2	1	1
14	14	14	14	14	14	14	14	14	13	12	12	10	9	7	7	5	4	0	0	0
-1	-1	0	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	-6	-6	-7
-7	-7	-7	-7	-7	-7	-7	-6	-5	-5	-4	-4	-3	-2	-2	-2	-2	-2	-6	-6	-7
8	9	9	9	9	9	9	9	7	6	5	5	5	5	5	5	5	5	-9	-9	-10
-10	-11	-11	-11	-11	-10	-8	-7	-5	-3	-2	-2	6	5	4	4	4	4	-9	-9	3
3	2	3	5	5	5	5	5	6	7	7	7	6	5	4	4	4	4	2	3	2
2	2	3	5	5	5	5	5	6	7	7	7	6	5	4	4	4	4	2	3	2
-9	-7	-6	-6	-6	-4	-3	-4	-4	-2	-2	-2	-11	-10	-10	-10	-10	-10	-9	-9	7
7	4	4	4	4	4	4	6	6	4	3	3	3	3	3	3	3	3	6	6	2
1	1	-1	-2	-2	-3	-2	-1	-1	0	0	0	-1	-1	-1	-1	-1	-1	2	1	1
14	14	14	14	14	14	14	14	14	13	12	12	10	9	7	7	5	4	0	0	0
-1	-1	0	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	-6	-6	-7
-7	-7	-7	-7	-7	-7	-7	-6	-5	-5	-4	-4	-3	-2	-2	-2	-2	-2	-6	-6	-7
8	9	9	9	9	9	9	9	7	6	5	5	5	5	5	5	5	5	-9	-9	-10
-10	-11	-11	-11	-11	-10	-8	-7	-5	-3	-2	-2	6	5	4	4	4	4	-9	-9	3
3	2	3	5	5	5	5	5	6	7	7	7	6	5	4	4	4	4	2	3	2
2	2	3	5	5	5	5	5	6	7	7	7	6	5	4	4	4	4	2	3	2
-9	-7	-6	-6	-6	-4	-3	-4	-4	-2	-2	-2	-11	-10	-10	-10	-10	-10	-9	-9	7
7	4	4	4	4	4	4	6	6	4	3	3	3	3	3	3	3	3	6	6	2
1	1	-1	-2	-2	-3	-2	-1	-1	0	0	0	-1	-1	-1	-1	-1	-1	2	1	1
14	14	14	14	14	14	14	14	14	13	12	12	10	9	7	7	5	4	0	0	0
-1	-1	0	2	2	3															

IIY377 68.106.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 0000 S. CALIF. EDISON CO., 601 W. 5TH ST., LOS ANGELES, CAL. COMP N52W 34 03 00N, 118 15 00W
INSTR PERIOD = 0.066 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 7.7 CM/SEC/SEC AT 22.62 SEC VELO = -2.3 CM/SEC AT 27.64 SEC DISP = 2.0 CM AT 35.36 SEC

INITIAL VELO = -0.71060 CM/SEC INITIAL DISP = -0.05238 CM
2179 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

11	10	10	10	10	9	8	6	5	5	6	6	6	6	6	5	4	4	2	1
1	1	2	5	5	6	6	7	10	10	9	9	11	12	9	4	3	1	-4	-8
-9	-10	-7	-4	-4	-4	-4	-2	1	2	3	5	8	9	10	10	9	8	7	6
5	5	5	6	8	8	8	10	12	11	12	13	11	8	5	5	7	8	8	8
8	11	13	16	18	18	18	16	12	5	-1	-1	-1	-3	-4	-5	-6	-9	-14	-15
-5	-6	-11	-13	-11	-11	-11	-12	-14	-14	-12	-13	-13	-13	-10	-8	-8	-7	-4	-1
3	4	4	4	5	5	4	3	3	2	0	-1	-1	-1	2	6	8	7	7	6
5	6	7	7	7	7	7	9	9	9	11	12	11	10	9	10	9	11	12	11
9	6	2	-2	-6	-6	-6	-10	-9	-8	-9	-10	-9	-3	3	7	13	17	19	19
20	21	19	18	16	16	14	10	7	2	-4	-7	-9	-11	-11	-13	-16	-16	-15	-15
-15	-13	-11	-7	-2	-2	1	2	4	6	8	8	7	4	-2	-7	-11	-14	-13	-14
-13	-8	-6	-4	-2	-2	0	2	3	5	8	9	10	10	10	10	10	9	9	9
8	7	6	5	4	4	3	0	-4	-4	-6	-6	-7	-5	-6	-7	-5	-6	-4	-1
4	4	2	1	-2	-2	-3	-3	-2	-1	-3	-5	-5	-4	-4	-4	-5	-5	-6	-3
-1	-1	0	1	1	1	1	1	-1	-3	-4	-4	-4	-4	-3	-3	-2	-1	-1	1
2	2	2	3	4	4	2	2	1	-2	0	2	5	3	2	2	1	1	1	0
-3	-4	-4	-4	-5	-5	-4	-2	-1	0	2	5	5	3	2	2	1	1	1	0
-1	-3	-6	-7	-8	-8	-9	-10	-9	-8	-7	-6	-5	-3	1	4	6	8	10	10
8	7	8	7	4	4	2	1	-2	-5	-6	-6	-8	-9	-10	-11	-10	-9	-8	-7
-6	-3	-1	1	3	3	3	2	2	0	-2	-3	-4	-5	-6	-7	-10	-14	-16	-17
-17	-17	-16	-15	-12	-12	-11	-10	-7	-4	-1	1	3	4	4	4	4	4	4	6
7	8	7	8	9	9	10	11	13	13	12	11	11	11	11	10	8	7	6	5
1	-1	-2	-2	-2	-2	-3	-6	-10	-12	-12	-10	-11	-12	-12	-12	-11	-8	-5	-1
3	2	1	2	2	2	0	-1	-2	-5	-7	-10	-12	-14	-15	-14	-10	-5	-1	0
4	5	8	10	11	11	12	15	18	21	24	24	23	22	22	22	21	19	18	17
12	11	10	6	1	1	-2	-5	-6	-9	-12	-15	-18	-22	-25	-27	-28	-28	-28	-26
-24	-21	-17	-13	-11	-11	-8	-5	-2	2	8	16	19	21	23	24	24	23	22	20
16	15	14	14	13	11	11	6	1	-4	-13	-19	-22	-24	-28	-33	-39	-44	-47	-51
-58	-60	-58	-56	-55	-55	-52	-47	-41	-34	-27	-20	-16	-12	-8	-3	1	6	12	15
17	19	20	19	17	17	13	10	8	6	7	9	12	15	19	21	21	22	23	22
15	12	13	15	15	15	16	19	19	17	16	13	9	6	4	2	1	3	6	11
17	17	16	13	11	11	12	12	10	5	-2	-10	-17	-26	-40	-55	-62	-64	-63	-60
-45	-33	-18	-8	-1	-1	5	13	16	15	12	11	12	15	16	19	22	26	30	34
40	42	46	50	55	55	62	67	63	56	48	41	36	33	25	20	20	19	18	15
0	-6	-13	-22	-30	-30	-37	-44	-47	-50	-53	-53	-52	-52	-49	-41	-30	-21	-14	-10
-7	-4	1	6	11	11	15	17	19	25	32	36	38	37	38	40	41	44	49	54
58	57	55	51	48	43	43	36	28	22	18	12	7	4	0	-5	-10	-18	-23	-25
-26	-22	-20	-21	-21	-21	-16	-10	-2	3	4	6	8	8	7	4	1	-3	-9	-17
-23	-24	-23	-20	-14	-14	-6	3	12	22	30	33	34	33	28	21	13	2	-6	-11
-17	-12	-5	0	5	5	11	21	31	40	45	50	56	57	44	37	39	42	42	34
16	6	-2	-5	-5	-5	-4	-1	4	6	2	-5	-12	-20	-28	-33	-35	-35	-34	-30
-23	-22	-23	-23	-22	-22	-24	-27	-30	-33	-34	-32	-27	-20	-10	0	8	13	16	15
2	-6	-13	-17	-19	-19	-21	-24	-27	-28	-31	-34	-36	-40	-43	-46	-51	-55	-56	-52
-49	-44	-35	-24	-15	-15	-9	-9	1	21	25	24	23	22	19	17	16	14	11	10

11	10	10	10	10	15	18	19	18	16	12	4	-9	-19	-26	-31	-36	-40	-42	-43
-46	-49	-50	-51	-52	-54	-56	-55	-49	-43	-35	-26	-17	-5	6	13	14	13	12	9
2	-1	-7	-4	19	19	6	11	17	23	32	38	39	39	37	32	31	33	36	36
34	30	25	21	19	19	18	20	23	26	30	30	24	17	8	-3	-11	-17	-22	-27
-31	-32	-32	-31	-30	-30	-30	-31	-33	-32	-31	-29	-24	-19	-16	-12	-8	-5	-3	0
3	6	6	5	7	10	12	15	20	23	22	21	19	17	17	17	17	17	17	15
14	13	9	3	1	1	2	3	4	7	15	22	23	21	17	13	9	4	0	-3
-2	-2	-3	-2	-3	-4	-3	0	4	8	10	17	25	34	43	52	60	65	63	59
55	48	38	28	19	11	3	-6	-14	-21	-27	-32	-35	-37	-41	-48	-55	-58	-57	-53
-49	-46	-44	-39	-32	-26	-21	-14	-7	-3	1	8	13	14	12	12	9	6	2	0
-3	-6	-8	-13	-17	-20	-23	-26	-30	-34	-42	-48	-53	-60	-68	-73	-74	-72	-69	-65
-58	-47	-33	-16	-3	5	10	15	17	17	19	24	31	38	42	44	46	48	48	48
48	45	44	45	49	52	54	58	65	72	76	77	75	73	71	67	62	57	51	47
44	39	30	18	9	4	4	2	3	5	4	4	3	0	-2	-5	-8	-14	-18	-24
-31	-36	-39	-40	-40	-39	-37	-36	-34	-33	-33	-32	-32	-34	-35	-33	-28	-19	-9	-1
5	10	15	17	17	18	18	17	15	14	11	8	6	1	-6	-14	-20	-25	-26	-25
-27	-26	-26	-27	-27	-23	-19	-15	-10	-5	-1	4	9	12	14	18	22	27	31	34
38	40	39	36	33	29	24	20	15	8	3	-2	-6	-8	-7	-7	-8	-11	-12	-14
-16	-13	-7	-4	-3	-2	0	1	2	2	2	3	6	9	13	15	16	16	13	9
7	3	-5	-15	-23	-28	-33	-35	-35	-35	-34	-31	-28	-27	-27	-26	-26	-28	-29	-30
-32	-30	-30	-29	-26	-23	-18	-15	-14	-14	-11	-7	0	7	13	17	20	24	28	31
31	31	29	25	22	21	19	16	15	12	8	3	-4	-11	-15	-19	-25	-31	-32	-33
-33	-33	-32	-28	-23	-18	-12	-9	-6	-2	2	7	13	16	19	21	22	21	19	13
6	1	-1	-2	1	3	7	10	14	13	7	-1	-7	-14	-24	-33	-39	-45	-52	-55
-54	-52	-51	-47	-44	-41	-39	-37	-35	-34	-33	-31	-30	-28	-28	-30	-34	-34	-30	-24
-18	-12	-3	5	8	9	10	11	12	13	13	14	16	18	21	24	29	33	38	40
42	44	45	45	46	49	51	49	48	48	49	49	49	49	49	49	47	38	19	6
-1	-8	-15	-21	-26	-29	-30	-32	-33	-35	-36	-36	-36	-34	-28	-18	-10	-5	1	5
6	6	6	6	7	9	10	11	12	17	21	24	27	29	31	33	34	36	37	37
36	35	34	32	27	24	23	22	22	20	18	15	12	8	6	1	-5	-6	-7	-9
-12	-16	-15	-13	-10	-8	-4	1	5	7	9	11	14	16	16	16	15	15	14	13
12	10	7	7	6	5	4	3	1	-1	-1	-1	-1	-1	-1	-1	-2	-3	-4	-4
-2	-1	-3	-8	-17	-26	-29	-29	-28	-28	-27	-27	-27	-24	-19	-18	-16	-13	-10	-7
-6	-3	-1	0	0	-1	-3	-7	-10	-12	-16	-21	-25	-29	-33	-35	-39	-41	-38	-38
-36	-35	-32	-27	-24	-18	-11	-3	10	20	31	41	48	52	54	58	60	55	51	52
53	54	54	52	48	45	40	36	34	28	20	13	6	-2	-8	-8	-6	-7	-8	-8
-7	-8	-7	-5	-4	-3	-4	-6	-5	-3	0	3	4	5	8	11	12	12	12	11
11	12	13	13	11	7	6	6	6	6	6	6	5	4	3	3	3	2	-1	-2
-5	-10	-12	-10	-5	3	7	7	7	6	5	4	4	4	5	6	5	1	-3	-3
-2	-2	-1	2	4	5	5	6	6	6	6	6	6	7	6	0	-3	-4	-8	-13
-17	-18	-17	-17	-17	-16	-16	-16	-15	-13	-11	-12	-11	-7	-3	-1	-2	-5	-5	-6
-7	-8	-8	-9	-14	-16	-16	-15	-14	-15	-14	-13	-14	-14	-12	-13	-17	-20	-22	-23
-23	-22	-21	-20	-18	-9	-4	-3	-2	-1	0	0	2	5	8	17	22	21	19	18
18	18	21	25	27	28	28	28	27	26	25	21	14	6	-1	-6	-12	-17	-25	-32
-35	-36	-37	-37	-37	-40	-44	-45	-45	-46	-46	-46	-44	-41	-41	-39	-36	-33	-30	-27
-25	-22	-19	-17	-16	-16	-15	-11	-5	-3	-2	-3	-3	-3	-3	-6	-10	-13	-16	-21
-19	-18	-18	-19	-19	-19	-18	-16	-15	-15	-17	-18	-16	-15	-13	-9	-4	-3	-2	1
6	11	13	14	14	13	13	13	13	14	15	15	19	23	24	26	27	28	27	28
29	29	30	32	36	43	46	46	44	35	26	18	18	19	18	20	25	28	27	27
27	28	28	32	34	33	32	31	30	28	24	25	22	18	14	7	2	-6	-15	-19
-21	-23	-25	-24	-23	-23	-25	-26	-27	-28	-28	-26	-26	-28	-29	-23	-14	-10	-5	-4
-8	-11	-17	-24	-25	-23	-23	-24	-23	-23	-22	-22	-22	-21	-20	-19	-19	-19	-19	-20
-19	-15	-14	-15	-15	-15	-16	-16	-16	-16	-16	-16	-14	-12	-10	-10	-10	-10	-9	-5
-1	1	3	11	17	18	19	20	21	22	23	24	24	25	26	26	26	25	23	21
19	18	18	18	18	17	15	14	13	12	12	11	8	4	-1	-6	-9	-11	-13	-11

-8	-10	-13	-15	-14	-11	-9	-9	-9	-10	-11	-12	-12	-11	-11	-12	-12	-12	-10	-8
-5	-1	0	2	6	10	12	13	14	14	18	26	27	23	19	18	20	20	17	16
16	16	18	18	18	17	16	16	16	16	15	3	-4	-6	-7	-6	-4	-5	-8	-8
-9	-12	-13	-13	-15	-18	-18	-15	-14	-15	-15	-14	-14	-14	-12	-9	-6	-2	3	8
12	16	17	17	18	19	21	27	33	36	38	38	38	38	37	35	30	24	23	24
25	26	26	27	22	18	17	17	16	14	13	5	0	-6	-9	-7	-7	-9	-11	-12
-13	-14	-14	-16	-17	-18	-20	-24	-27	-27	-26	-25	-25	-25	-25	-24	-23	-22	-22	-22
-21	-21	-20	-18	-13	-6	2	8	11	18	23	26	31	35	37	38	41	45	48	50
45	41	39	37	35	34	32	29	26	21	14	11	9	-2	-14	-20	-22	-23	-26	-29
-35	-42	-47	-51	-54	-51	-45	-41	-41	-40	-36	-31	-28	-25	-24	-22	-19	-15	-13	

IIV377 68.106.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 0000 S. CALIF. EDISON CO., 601 W. 5TH ST., LOS ANGELES, CAL. COMP S38W 34 03 00N, 118 15 00W
 INSTR PERIOD = 0.066 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -11.9 CM/SEC/SEC AT 12.96 SEC VELO = -3.1 CM/SEC AT 18.96 SEC DISP = 2.3 CM AT 25.44 SEC

2181 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = -0.07291 CM/SEC										INITIAL DISP = 0.06681 CM									
INITIAL VELO = -0.07291 CM/SEC										INITIAL DISP = 0.06681 CM									
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-4	-6	-7	-8	-8	-9	-10	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2
-5	-3	-1	3	8	10	11	14	14	16	18	18	18	18	18	18	18	18	18	18
11	9	5	2	1	1	1	1	2	2	4	4	4	4	4	4	4	4	4	4
0	1	1	1	1	1	1	1	2	2	4	4	4	4	4	4	4	4	4	4
3	2	-2	-6	-8	-10	-10	-11	-11	-12	-15	-15	-17	-17	-16	-16	-15	-15	-15	-15
-2	-1	-1	-1	-1	-1	0	3	4	4	5	5	5	4	2	2	3	3	2	0
-4	-7	-10	-10	-11	-11	-10	-8	-8	-5	-3	-3	-1	0	1	1	4	6	7	6
8	8	7	6	7	8	9	8	8	6	5	5	3	1	0	1	0	-2	-3	-4
-11	-12	-11	-10	-10	-8	-5	-1	0	0	0	0	0	0	0	2	4	3	2	1
-4	-6	-6	-6	-6	-6	-5	-5	-5	-6	-6	-6	-7	-8	-8	-8	-8	-8	-8	-8
-6	-5	-5	-4	-4	-3	-1	0	0	2	4	4	5	5	6	7	7	7	7	7
10	13	18	21	23	23	21	20	20	18	14	14	11	10	8	4	0	-3	-5	-8
-15	-15	-15	-16	-16	-16	-13	-14	-14	-16	-16	-16	-13	-11	-8	-1	4	7	10	12
14	13	13	12	10	6	4	1	1	-1	-3	-3	-5	-5	-5	-2	0	1	2	4
17	19	20	20	17	15	14	10	10	6	3	3	2	2	0	-1	-1	-3	-4	-4
-6	-8	-10	-10	-10	-7	-4	-2	-2	-1	-1	-1	1	2	2	1	0	0	0	0
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IIY377 68.106.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 0000 S. CALIF. EDISON CO., 601 W. 5TH ST., LOS ANGELES, CAL. COMP UP 34 03 00N, 118 15 00W
 INSTR PERIOD = 0.065 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -4.1 CM/SEC/SEC AT 23.18 SEC VELO = 1.3 CM/SEC AT 6.76 SEC DISP = 1.4 CM AT 8.46 SEC

INITIAL VELO = -0.39115 CM/SEC INITIAL DISP = 0.14528 CM

2182 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

16	7	9	14	15	15	12	7	3	4	6	9	12	16	20	21	20	16	13	12
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2	5	5	4	3	3	3	5	5	1	4	2	3	4	4	4	5	6	5
5	8	11	16	18	18	18	9	6	9	14	15	16	19	19	19	19	19	18
17	14	11	10	11	11	11	6	4	0	-2	-5	-8	-11	-13	-15	-17	-15	-12
-10	-7	-3	-3	-1	-1	-1	-1	0	-2	-3	-6	-6	-6	-6	-6	-7	-7	-7
-7	-5	-4	-4	-3	-2	-2	9	9	12	20	24	25	27	28	28	27	26	23
22	21	21	21	20	20	20	19	19	17	14	10	5	0	-6	-9	-9	-9	-9
-8	-8	-9	-9	-8	-8	-8	-5	-5	-2	1	2	0	-3	-8	-10	-8	-7	-7
-8	-8	-8	-9	-9	-9	-9	-15	-15	-19	-19	-19	-19	-19	-19	-18	-15	-13	-12
-12	-12	-12	-11	-10	-10	-10	-7	-7	-1	1	3	4	6	6	5	4	3	3
4	5	7	8	9	9	9	4	4	2	2	2	2	2	2	2	2	1	3
4	4	4	3	2	2	2	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	0
3	4	5	8	11	11	11	8	8	10	11	11	11	10	9	9	9	9	8
5	0	-6	-11	-19	-19	-19	-25	-27	-15	-14	-14	-13	-11	-11	-12	-13	-12	-10
-6	-3	-2	-1	0	0	0	4	4	7	5	2	-2	-6	-10	-11	-11	-14	-18
-20	-22	-22	-22	-22	-22	-22	-19	-19	-8	-7	-9	-9	-8	-7	-6	-3	0	0
3	8	12	14	18	18	18	21	21	19	17	17	18	18	18	18	18	18	17
14	10	5	2	3	3	3	-2	-2	-4	-7	-8	-5	-3	-3	-5	-5	-4	-4
-5	-5	-6	-7	-6	-6	-6	-4	-4	-10	-8	-6	-4	-4	-4	-5	-5	-5	-5
-5	-5	-7	-7	-7	-7	-7	8	8	2	5	3	3	3	1	-2	-1	2	2
2	2	3	5	5	5	5	8	8	10	10	10	10	10	10	9	6	4	3
1	-2	-4	-6	-7	-7	-7	-1	-1	6	7	6	5	3	3	4	5	5	5
8	12	16	18	21	21	21	17	17	21	23	23	23	23	23	23	21	20	20
20	20	20	19	16	16	16	-5	-5	-11	-11	-11	-9	-7	-6	-7	-7	-7	-7
20	20	20	20	16	16	16	-11	-14	-17	-18	-18	-20	-24	-26	-27	-27	-26	-25
-7	-7	-8	-7	-6	-6	-6	-11	-14	-17	-18	-20	-21	-24	-26	-27	-27	-26	-25
-25	-27	-28	-27	-27	-27	-27	-27	-27	-24	-21	-20	-21	-21	-21	-20	-16	-14	-13

[illegible]

11Y378 68.072.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 0000 SUBWAY TERMINAL, BSMNT., LOS ANGELES, CAL. CUMP S52E 34 03 00N, 118 15 00W
INSTR PERIOD = 0.064 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 7.0 CM/SEC/SEC AT 1.14 SEC VELO = 2.2 CM/SEC AT 19.90 SEC DISP = -1.1 CM AT 19.08 SEC

INITIAL VELO = 0.21966 CM/SEC INITIAL DISP = 0.28678 CM
1076 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-8	-11	-14	-16	-18	-18	-13	-8	-3	0	1	3	1	-2	-9	-17	-26	-33	-37	-39
-37	-33	-28	-21	-15	-11	-11	-13	-15	-17	-18	-15	-11	-6	-2	3	6	6	4	-2
-7	-12	-17	-19	-20	-20	-17	-13	-9	-5	1	10	20	33	46	58	67	70	64	57
48	40	35	29	25	21	18	16	15	14	11	7	2	-4	-9	-15	-19	-22	-25	-26
-28	-29	-31	-33	-35	-40	-48	-55	-57	-53	-47	-41	-33	-26	-21	-20	-20	-20	-18	-14
-5	6	17	26	34	41	48	55	59	62	64	65	65	61	55	50	46	42	38	33
29	23	18	12	8	4	2	-2	-6	-12	-17	-22	-25	-24	-22	-21	-19	-19	-21	-24
-28	-32	-37	-41	-42	-40	-36	-30	-23	-17	-11	-6	0	3	5	7	8	11	17	26
33	38	39	33	26	20	14	11	11	11	14	18	21	25	25	22	20	22	27	33
37	39	39	38	34	28	17	6	-5	-13	-20	-23	-20	-13	-7	0	6	13	19	24
27	25	21	17	11	4	-1	-5	-8	-11	-16	-23	-31	-39	-45	-49	-53	-58	-60	-59
-57	-54	-49	-44	-41	-38	-36	-34	-32	-30	-28	-23	-17	-11	-2	9	19	26	28	28
27	25	22	20	17	16	17	19	21	22	20	16	11	4	-6	-18	-28	-32	-31	-27
-21	-16	-11	-7	-4	-3	-1	1	3	7	11	15	19	23	27	31	34	35	34	33
32	31	30	28	27	25	23	18	12	3	-5	-14	-20	-24	-25	-19	-12	-9	-11	-14
-15	-16	-18	-22	-27	-32	-35	-36	-35	-34	-33	-30	-25	-21	-16	-11	-5	-1	9	19
29	34	39	44	49	54	56	53	47	38	27	16	6	-3	-8	-10	-8	-4	2	9
16	23	27	31	33	31	26	20	15	10	4	-2	-8	-15	-20	-25	-30	-35	-38	-40
-42	-44	-46	-48	-49	-50	-51	-48	-40	-31	-22	-16	-10	-4	1	6	7	8	9	9
10	11	13	14	15	16	16	16	15	20	26	32	34	33	30	25	19	13	10	8
7	8	11	14	14	11	6	0	-7	-14	-21	-26	-28	-25	-19	-14	-10	-6	-2	2
7	12	14	11	7	2	-4	-9	-14	-20	-24	-24	-22	-21	-20	-19	-19	-20	-22	-22
-20	-17	-12	-4	5	11	15	19	20	22	23	20	16	9	2	-6	-15	-25	-37	-48
-57	-64	-68	-67	-63	-58	-51	-41	-31	-22	-12	-4	2	8	13	17	22	27	31	33
33	32	31	30	29	30	31	32	33	33	34	34	33	32	28	23	17	11	7	4
2	1	1	2	4	8	12	15	16	19	23	27	32	38	45	54	60	63	67	70
68	64	59	53	47	40	30	21	12	4	-3	-10	-16	-20	-23	-26	-28	-30	-32	-34
-37	-42	-46	-48	-46	-41	-37	-36	-37	-38	-40	-44	-50	-54	-55	-55	-54	-54	-54	-54
-54	-54	-51	-46	-41	-36	-31	-26	-21	-16	-10	-4	1	5	7	8	7	5	2	-2
-8	-10	-9	-6	0	6	13	22	30	36	40	42	43	43	42	42	42	41	40	39
37	31	23	16	9	4	-1	-6	-11	-16	-20	-22	-20	-16	-12	-9	-6	-2	1	4
7	10	13	16	18	17	14	10	6	1	-20	-22	-20	-16	-15	-12	-9	-6	-4	-4
-4	-4	-4	-4	-4	-4	-3	-5	-10	-16	-22	-28	-34	-37	-32	-25	-18	-10	-3	4
11	18	22	21	19	15	11	7	3	-1	-4	-8	-11	-15	-18	-21	-23	-21	-15	-9
-6	-5	-3	-2	-1	-3	-4	-5	-4	-1	2	5	9	14	19	25	30	34	35	35
35	35	35	35	34	34	34	33	33	33	31	29	26	23	20	17	13	8	3	-2
-7	-13	-22	-31	-39	-46	-51	-51	-50	-47	-44	-41	-37	-35	-34	-32	-28	-24	-21	-17
-11	-4	3	9	14	19	24	27	26	24	23	21	20	19	17	10	2	-2	-5	-8
-10	-10	-10	-8	-7	-6	-5	-4	-5	-8	-11	-15	-20	-25	-28	-29	-31	-30	-29	-27
-25	-21	-10	3	15	25	34	42	48	52	52	51	50	48	46	45	44	44	44	44
44	44	44	44	45	44	39	32	26	19	13	6	1	-3	-6	-9	-13	-16	-21	-28
-33	-38	-41	-45	-46	-42	-39	-35	-31	-27	-24	-24	-27	-30	-33	-36	-39	-41	-40	-36
-33	-30	-27	-24	-20	-16	-12	-8	-3	1	6	11	15	19	24	26	26	25	23	21
19	16	14	11	9	6	3	-2	-7	-13	-18	-23	-26	-26	-25	-22	-19	-17	-16	-16

-16	-15	-13	-10	-7	-4	-2	-1	-2	-1	-2	-4	-3	-3	-4	-6	-8	-11	-11	-13	-16	-18	-19	-19	-19
-19	-17	-14	-11	-8	-3	2	7	12	12	17	19	17	17	19	18	13	8	3	3	-2	-5	-6	-7	-6
-5	-3	-1	1	2	2	3	1	-1	-1	-3	-4	-3	-3	-4	-3	-1	1	3	5	7	9	11	11	13
15	17	20	23	26	29	32	33	34	36	38	38	36	36	38	38	35	32	29	25	23	22	21	21	20
19	18	17	16	15	14	13	12	11	10	9	9	10	10	9	9	11	15	20	24	29	33	37	42	42
46	51	55	60	63	64	61	55	47	40	33	33	26	19	19	26	19	12	5	-3	-11	-19	-26	-34	-34
-41	-45	-47	-50	-52	-54	-55	-55	-55	-55	-55	-55	-54	-53	-53	-54	-53	-51	-49	-46	-43	-39	-34	-30	-30
-25	-20	-16	-11	-6	-2	3	8	11	14	16	16	18	21	21	18	21	22	20	17	14	11	7	3	3
-2	-7	-11	-16	-20	-22	-25	-28	-28	-26	-24	-24	-22	-20	-20	-22	-20	-19	-18	-16	-15	-13	-11	-10	-10
-8	-6	-4	-2	1	4	7	9	11	10	8	8	7	4	4	7	4	0	-6	-9	-9	-9	-11	-10	-10

IIY378 68.072-0 BURREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 0000 SUBWAY TERMINAL, BSMNT., LOS ANGELES, CAL. CUMP S3BW 34 03 00N, 118 15 00W
INSTR PERIOD = 0.066 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -11.5 CM/SEC/SEC AT 1.32 SEC VELO = 3.1 CM/SEC AT 0.70 SEC DISP = 2.3 CM AT 1.40 SEC

INITIAL VELO = -0.08750 CM/SEC INITIAL DISP = -0.48633 CM
1074 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

51	52	52	52	52	53	53	54	56	58	59	59	58	58	59	60	61	62	63	64	63
61	57	51	47	43	39	37	34	28	24	20	17	15	12	9	5	1	-5	-12	-21	-29
-31	-27	-23	-20	-19	-20	-19	-19	-16	-8	-4	-5	-8	-11	-14	-17	-21	-29	-39	-51	-61
-70	-81	-91	-101	-109	-114	-115	-115	-114	-111	-107	-102	-95	-88	-82	-79	-77	-71	-59	-48	-40
-33	-29	-29	-30	-31	-31	-31	-31	-30	-29	-29	-27	-26	-24	-23	-22	-20	-13	-1	13	26
37	45	48	49	51	53	53	53	49	46	43	44	48	53	58	61	61	59	57	56	55
55	54	51	47	43	38	33	33	27	21	15	9	-1	-13	-21	-25	-27	-29	-30	-33	-36
-37	-36	-32	-27	-22	-16	-11	-11	-7	-2	-1	-8	-19	-30	-42	-53	-63	-72	-80	-87	-95
-98	-94	-84	-72	-62	-56	-50	-50	-45	-39	-32	-24	-16	-13	-13	-9	-1	8	16	18	17
17	18	22	26	26	23	23	20	22	28	34	40	41	38	35	35	38	42	46	45	42
38	35	37	42	48	53	53	56	54	51	49	51	55	59	61	59	57	54	49	44	39
32	23	14	7	4	2	2	4	7	9	12	15	16	13	10	7	4	2	-3	-11	-21
-29	-32	-32	-32	-31	-30	-30	-29	-28	-26	-20	-11	-2	3	2	0	1	5	10	14	15
4	-3	-9	-14	-18	-20	-23	-23	-25	-26	-27	-27	-21	-12	-4	5	14	20	22	19	15
11	5	-1	-7	-10	-11	-10	-10	-7	-1	9	20	30	36	37	35	32	29	27	25	24
24	25	27	31	34	38	41	42	39	34	34	30	25	20	15	10	7	5	3	0	-3
-7	-11	-16	-21	-26	-33	-41	-50	-60	-62	-62	-57	-50	-43	-38	-37	-37	-37	-36	-34	-31
-30	-30	-33	-36	-40	-44	-44	-41	-55	-58	-56	-53	-51	-51	-52	-53	-52	-51	-49	-50	-54
-57	-60	-62	-64	-65	-67	-67	-66	-60	-50	-37	-23	-14	-9	-3	2	8	13	14	11	10
15	24	33	39	40	43	43	51	60	68	70	67	66	69	73	77	76	71	63	51	39
27	16	6	-4	-12	-19	-19	-23	-21	-13	-3	5	11	17	23	30	39	49	60	70	78
78	70	59	48	38	30	30	21	13	5	-2	-8	-11	-11	-10	-9	-7	-5	-2	1	5
12	15	13	11	9	9	8	8	7	6	4	2	-3	-3	-11	-18	-19	-18	-17	-16	-15
-17	-20	-20	-16	-13	-13	-13	-15	-16	-15	-11	-8	-5	-2	1	-4	6	6	4	2	-1
26	27	26	25	23	20	20	17	11	5	-2	-7	-8	-8	-8	-4	1	7	16	21	24
16	19	17	15	12	12	12	8	5	0	-5	-10	-12	-13	-13	-11	-8	-6	-3	1	8
20	24	27	27	26	24	24	22	19	16	14	11	8	5	1	-2	3	7	11	14	17
-12	-9	-7	-4	-4	-9	-9	-15	-21	-26	-32	-35	-37	-37	-36	-32	-29	-26	-10	-12	-13
-7	-3	1	4	7	9	9	11	13	16	18	20	22	24	25	27	30	33	-21	-16	-11
33	27	22	15	4	-5	-5	-8	-7	-4	1	5	10	14	19	23	24	24	25	24	20
14	9	4	-1	-6	-9	-9	-12	-14	-16	-18	-19	-20	-20	-20	-19	-22	-28	-33	-37	-38
-37	-36	-35	-35	-34	-31	-31	-27	-23	-19	-16	-13	-11	-10	-9	-9	-8	-8	-8	-7	-7
-7	-8	-9	-10	-11	-10	-10	-7	-5	-2	0	1	0	0	-1	-1	-2	-2	-3	-7	-7
-4	1	5	10	15	20	20	24	29	32	34	32	29	26	21	13	5	-3	-11	-20	-28
-34	-39	-43	-46	-48	-48	-48	-47	-46	-45	-43	-42	-41	-41	-41	-41	-39	-35	-30	-25	-20
-14	-9	-4	1	6	11	11	15	19	19	18	16	14	13	15	16	16	14	12	10	7
4	0	-3	-6	-7	-7	-7	-7	-5	-2	0	3	5	7	9	11	13	13	12	10	8
8	9	9	9	6	3	3	1	0	0	0	-3	-8	-14	-18	-22	-25	-28	-30	-32	-34
-34	-34	-34	-31	-27	-24	-24	-22	-20	-17	-13	-8	-4	0	4	8	10	12	14	16	17
18	18	17	15	14	13	13	13	12	11	10	9	8	6	4	3	2	2	3	7	12
17	22	28	33	36	37	37	38	38	38	38	39	40	40	39	38	37	35	32	28	25
22	19	16	12	10	7	7	4	1	-1	-4	-5	-6	-6	-9	-10	-11	-11	-11	-9	-7
-5	-2	0	2	4	7	7	10	14	20	26	30	34	36	36	34	32	29	23	18	12

7	3	0	-4	-7	-9	-11	-12	-13	-14	-15	-16	-17	-17	-17	-18	-18	-18	-18	-18
-18	-18	-19	-20	-21	-21	-21	-20	-19	-17	-15	-14	-12	-12	-10	-9	-10	-11	-12	-13
-11	-10	-9	-7	-6	-4	-1	3	7	11	12	9	7	7	7	6	5	4	4	3
3	2	2	2	2	2	1	0	3	6	9	11	11	9	8	6	4	2	0	-2
-4	-9	-17	-22	-24	-24	-23	-22	-20	-18	-16	-12	-10	-10	-11	-11	-11	-12	-12	-13
-13	-12	-11	-11	-9	-5	0	5	8	11	13	16	20	26	32	34	32	29	26	23
20	17	15	13	12	10	8	5	2	-2	-6	-12	-17	-21	-23	-23	-22	-20	-18	-15
-10	-4	-1	1	4	6	8	9	11	13	14	16	18	20	21	19	18	17	17	17
17	17	17	18	19	19	18	16	14	12	10	9	7	6	4	3	1	-1	-4	-6
-8	-11	-13	-15	-17	-18	-19	-21	-22	-23	-24	-26	-27	-27	-27					

IIY378 68.072.0 BORRGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 0000 SUBWAY TERMINAL, BSMNT., LOS ANGELES, CAL. COMP UP 34 03 00N, 118 15 00W
INSTR PERIOD = 0.066 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 5.4 CM/SEC/SEC AT 10.50 SEC VELO = 1.2 CM/SEC AT 10.72 SEC DISP = -1.0 CM AT 18.82 SEC

INITIAL VELU = 0.68926 CM/SEC INITIAL DISP = 0.17827 CM
1076 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-13	-13	-13	-13	-13	-10	-7	-4	0	3	2	-1	-5	-7	-8	-7	-6	-5	-4	-3
-3	-3	-5	-10	-14	-16	-18	-19	-20	-18	-15	-12	-13	-17	-21	-23	-24	-22	-18	-15
-13	-12	-11	-8	-6	-4	-4	-6	-7	-8	-9	-12	-19	-24	-27	-26	-23	-19	-14	-9
-4	0	-1	-3	-3	-2	1	4	4	2	2	2	1	1	-1	-4	-6	-6	-5	-1
4	9	13	15	13	12	12	14	15	16	16	18	20	21	21	15	8	1	-5	-8
-4	0	3	7	9	10	11	11	13	16	16	12	8	9	13	14	9	1	-6	-10
-12	-10	-4	-1	-1	-4	-6	-4	0	2	5	6	4	3	5	9	12	16	20	24
26	24	20	16	13	10	8	4	-1	-6	-9	-12	-14	-13	-9	-5	-2	1	3	2
-4	-9	-13	-14	-14	-12	-11	-11	-13	-13	-11	-7	-5	-5	-6	-6	-5	-1	2	4
6	9	16	23	31	34	34	32	28	23	19	15	11	4	-4	-10	-15	-15	-14	-16
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[illegible]

IIV379 68.026.0 BORRGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 288 CMD BLDG., VERNON, CAL. COMP N3W 34 00 00N, 118 12 00W
 INSTR PERIOD = 0.065 SEC DAMPING = 0.527 ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 18.5 CM/SEC/SEC AT 1.82 SEC VELO = 4.3 CM/SEC AT 31.94 SEC DISP = -2.5 CM AT 31.10 SEC

INITIAL VELO = 0.75756 CM/SEC INITIAL DISP = 0.29782 CM
 3104 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

32	25	19	12	4	-3	-6	-7	-7	-8	-11	-11	-13	-18	-22	-24	-23	-18	-11	-6
-5	-7	-11	-15	-18	-20	-21	-24	-29	-33	-34	-37	-40	-43	-45	-46	-45	-42	-39	-35
-29	-22	-17	-13	-8	-1	9	16	25	42	54	63	67	66	59	48	35	20	-1	-20
-36	-54	-73	-91	-108	-122	-133	-142	-139	-127	-117	-110	-103	-90	-77	-68	-60	-49	-33	-8
22	51	79	109	129	141	149	158	167	174	180	185	181	163	136	109	84	62	50	46
41	33	19	5	-4	-10	-10	-2	10	20	24	25	25	26	29	34	38	33	17	-5
-27	-44	-54	-52	-43	-34	-26	-24	-34	-46	-53	-57	-56	-56	-50	-34	-38	-1	13	20
17	2	-25	-51	-69	-84	-93	-92	-90	-87	-86	-86	-80	-65	-51	-42	-33	-26	-19	-9
4	15	13	3	-7	-16	-26	-39	-58	-75	-83	-73	-47	-18	13	45	66	64	56	52
50	51	56	61	66	63	42	16	-11	-34	-43	-40	-24	-2	15	25	31	30	24	17
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100	91	78	65	50	33	16	2	-13	-28	-42	-49	-46	-35	-14	6	22	30	33	38
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10	-5	

IIY379 68-026.0 BORKEGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 288 CMO BLDG., VERNON, CAL. COMP S07W 34 00 00N, 118 12 00W
INSTR PERIOD = 0.064 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -18.5 CM/SEC/SEC AT 3.24 SEC VELO = -4.7 CM/SEC AT 5.28 SEC DISP = 2.7 CM AT 14.84 SEC

3100	INSTRUMENT AND BASELINE CORRECTED DATA	IN MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	0.02	SEC.
	INITIAL VELO = 0.84362	CM/SEC	INITIAL DISP =	0.08797	CM

7	4	1	-1	-2	-6	-13	-18	-22	-26	-25	-21	-19	-17	-17	-22	-26	-31	-33
-40	-40	-42	-45	-73	-48	-47	-43	-38	-31	-23	-9	5	17	20	6	-3	-18	-33
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1	4	16	38	56	63	62	59	57	59	75	100	127	151	154	126	98	73	73
54	46	46	53	55	55	48	37	24	14	7	5	5	5	1	-11	-28	-40	-46
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48	33	18	3	-9	-18	-26	-32	-36	-38	-38	-37	-39	-47	-54	-60	-71	-75	-78
-80	-77	-67	-53	-39	-22	4	33	64	87	85	65	42	20	0	-47	-79	-113	-140
164	-182	-185	-168	-138	-108	-87	-80	-87	-96	-102	-104	-101	-90	-73	-45	-33	-22	-11
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IIV379 68.026.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 288 CMD BLDG., VERNON, CAL. COMP UP 34 00 00N, 118 12 00W
 INSTR PERIOD = 0.063 SEC DAMPING = 0.591 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 7.0 CM/SEC/SEC AT 17.88 SEC VELO = 2.4 CM/SEC AT 18.06 SEC DISP = -1.5 CM AT 49.60 SEC

3145 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = 0.42242 CM/SEC INITIAL DISP = 0.21356 CM

10	7	4	0	-7	-12	-11	-12	-14	-14	-14	-12	-6	1	2	-2	-5	-8	-7	-3	-5
-9	-13	-14	-13	-11	-7	-9	-13	-13	-13	-7	-2	4	8	10	9	7	4	2	2	6
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14	13	11	9	5	0	-5	-5	1	6	6	14	14	8	0	-7	-8	2	13	21	22
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-14	-14	-15	-16	-16	-14	-13	-9	-7	-7	-8	-8	-6	-4	-3	-2	-1	1	-1
-3	-5	-6	-7	-6	-6	-6	-5	-4	-3	-1	-1	-3	-5	-6	-5	-6	-5	-6
-6	8	8	7	8	-2	-1	1	1	2	4	5	6	8	8	9	9	9	8
7	7	6	7	7	7	9	8	7	5	6	6	3	3	3	3	3	2	8
0	-1	-2	-2	-2	-2	-1	-1	-1	-1	-3	-3	-3	-2	-2	-2	-2	-1	1
-2	-4	-4	-4	-4	-4	13	13	11	11	11	11	11	10	8	7	5	4	-2
16	17	16	15	14	14	0	0	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	15
4	3	2	1	1	0	0	0	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	4
-5	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4
-8	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8
-9	-9	-8	-8	-8	-7	-7	-7	-6	-6	-6	-5	-5	-5	-4	-4	-3	-2	0
1	2	3	4	4	5	6	6	7	8	10	11	12	12	13	13	13	13	12
11	10	9	9	9	9	9	9	9	9	9	9	8	8	8	7	7	6	6
6	6	6	6	6	7	8	9	10	12	13	13	12	12	11	11	10	10	9

8	-12	7	6	5	3	-12	2	0	-2	-3	-5	-7	-9	-9	-5	-9	-10	-11	-12
-3	-2	-12	-12	-12	-12	-12	-12	-12	-12	-11	-10	-9	-8	-7	-6	-5	-5	-4	-3
1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	-1	-1	0	1	1
22	23	23	23	22	22	22	2	4	6	8	10	12	13	14	14	16	18	19	21

IIV380 68.071.0 BURREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 135 HOLLYWOOD STORAGE, P.E. LOT, LOS ANGELES, CAL. COMP SOUTH 34 05 00N, 118 20 00W
 INSTR PERIOD = 0.066 SEC DAMPING = 0.591 ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -10.9 CM/SEC/SEC AT 29.64 SEC VELO = -2.4 CM/SEC AT 26.28 SEC DISP = -2.1 CM AT 30.78 SEC

2526 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.25497 CM/SEC INITIAL DISP = 0.00142 CM

-1	0	9	12	12	-15	-18	-22	-25	-28	-29	-28	-24	-16	-6	-4	-4
-4	-3	-3	-4	-4	5	12	18	18	16	15	15	15	14	11	5	1
-2	-6	-8	-9	-12	-11	-15	-18	-18	-8	2	6	0	2	1	1	3
7	11	10	7	8	9	7	7	7	8	7	0	-8	-11	-14	-16	-17
-18	-17	-18	-17	-13	-9	-18	-14	-4	7	13	15	15	13	12	11	9
9	8	6	6	4	1	5	8	9	8	6	5	6	6	6	8	9
7	1	-6	-10	-10	-11	-9	-10	-13	-9	-4	-1	0	3	9	14	15
13	7	2	-1	-3	-4	-2	-4	2	3	3	-3	-10	-14	-15	-16	-17
-15	-9	-1	4	7	8	10	12	14	11	6	3	0	-3	-2	-1	-1
-1	-1	0	2	4	-3	-4	-5	-5	-4	-4	-6	-8	-11	-11	-12	-13
-12	-10	-8	-6	-6	-1	2	-3	-1	6	10	8	5	4	4	3	3
3	3	3	3	13	-3	-4	-5	-5	-5	-6	-6	-5	-4	-1	5	12
16	18	19	17	13	9	-3	-10	-14	-15	-15	-15	-11	-5	-3	-3	-5
-5	-5	-4	-1	3	6	6	0	1	2	2	3	4	6	11	14	14
10	4	1	2	4	8	5	2	1	-10	-9	7	7	8	7	5	2
-1	-2	-4	-5	-5	0	1	-3	-7	-10	-9	-5	4	9	8	7	5
-1	-7	-8	-7	-6	-3	-1	-6	-8	-11	-16	-17	-13	-5	1	4	6
7	7	7	7	7	-2	-19	-18	-13	-10	-9	-9	-4	7	15	18	17
15	13	11	10	9	4	4	15	14	12	8	4	1	-1	-2	-1	-3
-4	-1	0	1	1	2	2	4	7	8	9	11	12	12	12	8	-1
-8	-13	-15	-12	-7	2	1	-6	-6	-7	-8	-8	-6	-1	6	11	12
11	11	10	6	3	-2	-5	-2	-1	1	3	2	0	-4	-7	-6	-5
-4	-2	0	2	6	9	4	5	5	3	0	-2	-5	-8	-9	-7	-5
-4	-4	-3	-2	-2	-2	-3	-8	-8	-6	-4	-1	0	1	4	4	4
5	4	2	1	0	-17	-21	-18	-12	-6	-3	-2	-4	-4	-7	-10	-9
-3	6	11	13	14	12	14	15	15	13	11	7	2	-4	-9	-12	-14
-14	-12	-10	-10	-9	-3	-1	1	2	1	0	-2	-1	2	5	6	3
0	-3	-7	-12	-15	-15	-8	-5	-2	1	2	3	5	6	7	7	9
11	12	11	12	16	20	22	19	16	12	8	5	1	-2	-4	-9	-14
-15	-13	-10	-9	-10	-11	-11	-1	1	2	1	-1	-3	-5	-6	-5	-3
-1	1	2	4	7	6	4	-2	-2	-2	-2	-2	-2	-2	0	5	10
12	12	12	12	12	5	3	2	3	5	6	4	4	10	17	20	20
19	17	13	5	-1	-9	-8	-9	-10	-13	-15	-16	-16	-15	-12	-8	-4
-1	0	-1	-3	-5	0	1	5	5	5	6	7	8	9	9	10	11
10	9	7	5	1	-2	-6	-14	-14	-13	-12	-12	-12	-12	-12	-11	-9
-5	1	4	9	15	8	5	3	2	0	-2	-5	-8	-6	-5	-5	-6
-9	-17	-10	-19	-20	-13	0	1	-2	-4	-9	-16	-17	-17	-18	-16	-14
-13	-13	-10	-3	7	17	14	4	2	3	2	4	6	9	10	8	5
2	-1	-6	-10	-12	-11	-4	-5	-9	-10	-9	-9	-6	-2	0	-2	-8
-15	-17	-16	-14	-11	-9	-9	-11	-11	-12	-16	-18	-20	-20	-19	-18	-16
-14	-14	-14	-13	-8	6	7	7	7	6	5	6	8	13	20	23	25
28	27	26	-13	-25	2	13	6	0	-5	-8	-7	-4	1	4	4	4
2	-1	-4	-7	-7	-5	-4	6	5	3	2	3	4	4	5	5	5
4	1	-4	-8	-6	-4	-2	4	1	-3	-6	-7	-8	-7	-4	-1	3

6	9	10	7	2	-2	-5	-7	-7	-5	-3	-2	1	7	12	16	18	18	19
20	20	17	15	15	14	12	10	8	4	1	-1	-2	-4	-7	-10	-12	-14	-16
-15	-13	-12	-10	-6	0	7	12	14	13	12	10	8	9	9	5	6	6	6
5	4	4	6	6	5	5	4	2	0	1	1	1	1	3	5	6	6	5
3	3	5	9	13	14	14	13	12	12	12	11	8	6	4	1	-5	-9	-10
-12	-14	-16	-15	-14	-14	-14	-15	-15	-14	-14	-13	-12	-8	-2	7	14	17	19
19	19	20	21	21	21	20	18	15	10	1	-2	-6	-8	-8	-6	-4	-3	-3
-2	4	9	12	12	12	12	12	12	11	6	2	-2	-4	-5	-5	-6	-7	-10
-12	-12	-12	-15	-19	-21	-16	-11	-6	-3	-1	-1	-3	-8	-12	-12	-10	-8	-4
-1	0	0	1	-4	-11	-16	-20	-21	-22	-24	-24	-21	-18	-17	-15	-13	-12	-9
-6	-3	-1	2	6	7	8	9	11	12	13	14	13	10	7	4	2	-3	-9
-13	-13	-12	-9	-4	-2	-2	-2	-4	-8	-13	-15	-12	-10	-9	-11	-12	-7	3
15	23	27	31	36	43	48	51	50	50	52	53	53	52	49	44	35	23	12
4	-3	-6	-5	-2	4	13	23	32	38	42	46	41	31	17	6	-4	-10	-14
-16	-16	-9	-1	3	2	-8	-21	-28	-26	-21	-19	-10	5	13	14	14	11	10
16	25	27	21	13	6	-1	-8	-11	-10	-10	-30	-45	-59	-75	-91	-105	-108	-97
-85	-76	-67	-55	-47	-41	-36	-33	-34	-39	-40	-30	-14	-8	-21	-33	-36	-33	-31
-31	-29	-26	-17	-2	8	13	17	19	23	30	46	60	67	67	65	62	58	53
47	42	41	47	59	66	63	52	40	32	28	25	23	22	20	17	13	6	-5
-14	-20	-27	-37	-45	-48	-45	-33	-19	-11	-7	-8	-6	-1	-8	-27	-27	-18	-8
-1	1	0	-1	-1	-5	-18	-38	-58	-77	-91	-96	-95	-100	-103	-96	-84	-74	-68
-64	-53	-38	-23	-11	-5	-2	-4	-11	-19	-27	-31	-28	-17	-3	31	48	57	59
57	53	46	38	32	34	41	42	35	25	15	7	2	-1	-4	-6	-6	0	7
14	21	28	31	29	21	11	6	3	2	1	0	-1	0	2	9	17	23	26
26	19	7	-2	-7	-4	5	21	32	35	36	37	41	41	34	26	18	8	3
4	5	6	5	3	-2	-10	-22	-37	-51	-59	-57	-46	-23	2	14	17	19	23
29	37	42	43	39	29	10	-10	-24	-32	-36	-39	-39	-43	-49	-50	-43	-30	-21
-20	-24	-29	-36	-39	-35	-29	-22	-22	-26	-28	-27	-22	-2	7	13	17	26	38
42	39	41	49	58	63	61	56	51	41	31	24	27	28	29	31	30	31	33
38	41	36	30	24	20	17	12	4	-3	-5	2	12	20	14	-1	-19	-39	-64
-86	-102	-109	-107	-102	-100	-99	-100	-105	-104	-92	-80	-68	-39	-29	-23	-18	-10	4
18	29	39	42	40	38	34	27	19	12	6	0	-4	-4	0	3	7	13	19
23	24	27	29	30	30	29	30	32	30	28	30	37	45	52	66	67	60	52
43	33	27	25	23	21	17	12	9	6	0	-2	-18	-25	-21	-18	-14	-9	-1
10	21	33	42	44	42	40	38	34	24	14	-2	-23	-41	-52	-50	-50	-51	-54
-59	-59	-50	-38	-24	-14	-8	0	11	25	36	44	49	55	61	65	68	66	59
50	46	43	35	28	25	21	16	10	2	-11	-23	-27	-23	-4	9	21	26	25
21	17	14	12	11	8	3	-5	-12	-15	-16	-15	-18	-25	-38	-33	-26	-23	-21
-18	-14	-10	-9	-13	-19	-23	-26	-29	-32	-35	-35	-28	-15	9	4	-3	-1	13
28	42	56	69	81	95	105	104	95	82	67	57	50	42	16	6	1	-3	-5
-8	-10	-11	-13	-15	-20	-27	-33	-35	-32	-27	-21	-17	-16	-16	-14	-9	-6	-3
-3	-5	-7	-7	-5	-2	-2	-5	-7	-10	-13	-17	-22	-27	-32	-42	-40	-35	-33
-35	-39	-43	-45	-43	-38	-32	-26	-18	-8	-1	4	6	7	6	2	-1	-3	-6
-10	-17	-22	-21	-15	-9	-2	0	-3	-6	-5	0	6	9	7	3	1	-3	-7
-11	-14	-16	-15	-13	-15	-18	-22	-27	-31	-36	-41	-41	-39	-36	-36	-34	-27	-19
-7	4	14	21	23	24	28	33	38	45	49	46	38	27	8	2	-1	0	5
12	17	19	21	25	32	40	46	54	63	69	73	73	66	45	34	20	4	-13
-27	-37	-42	-43	-40	-34	-28	-23	-23	-26	-29	-35	-42	-47	-41	-39	-38	-38	-37
-33	-25	-21	-21	-21	-22	-23	-25	-29	-34	-38	-39	-37	-35	-27	-22	-19	-18	-20
-22	-21	-17	-15	-13	-15	-21	-29	-33	-33	-32	-31	-30	-29	-26	-25	-21	-17	-14
-6	6	17	27	32	33	31	25	17	9	2	-4	-9	-12	-12	-9	-5	1	6
8	8	6	4	3	1	0	-1	-1	-1	1	3	4	7	10	9	9	9	12
18	23	28	34	39	44	50	55	55	49	37	26	17	10	-1	0	3	6	6
2	-3	-7	-8	-8	-8	-9	-10	-10	-8	-5	0	7	14	34	42	46	48	49
48	49	48	45	41	37	32	26	20	16	15	14	17	22	24	22	18	11	1

-8	-14	-27	-42	-53	-61	-69	-78	-86	-91	-91	-90	-87	-79	-69	-58	-46	-36	-27	-21
-19	-18	-20	-21	-21	-20	-20	-20	-20	-19	-19	-12	-3	6	14	20	21	21	19	17
14	12	10	10	10	11	14	20	29	36	36	47	47	45	42	36	30	27	27	25
23	23	22	20	17	15	13	12	12	15	20	28	35	40	43	43	39	31	22	14
4	-5	-13	-17	-20	-23	-25	-23	-21	-18	-13	-6	1	8	12	14	15	15	16	17
19	22	21	18	15	11	10	10	10	7	2	-4	-9	-13	-14	-12	-9	-9	-11	-15
-20	-27	-34	-39	-43	-45	-42	-37	-34	-33	-31	-28	-24	-19	-12	-7	-3	-2	-3	-7
-10	-11	-11	-14	-18	-22	-24	-23	-16	-9	-4	3	7	8	8	7	6	4	4	5
7	9	10	13	17	20	23	26	29	34	41	46	50	54	57	57	55	55	56	54
49	44	42	42	42	42	39	37	36	34	30	22	14	8	3	0	-1	-2	-4	-6
-11	-17	-20	-21	-21	-21	-21	-21	-21	-20	-16	-9	-3	-1	1	2	1	-3	-4	-4
-5	-6	-6	-8	-10	-12	-13	-12	-10	-9	-8	-6	-5	-4	-4	-4	-2	-1	1	2
2	0	-1	0	-1	-4	-8	-13	-17	-22	-27	-34	-40	-42	-42	-40	-35	-30	-23	-15
-10	-5	1	7	10	10	11	13	15	18	18	18	16	12	7	3	0	-3	-6	-11
-18	-20	-16	-13	-11	-8	-6	-5	-4	-4	-4	-4	-5	-5	-3	-2	-1	-1	0	2
5	8	10	10	8	5	2	0	-1	-1	1	3	5	6	7	7	6	6	6	4
-1	-6	-10	-13	-15	-16	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-16	-15	-14	-13
-11	-8	-4	-1	-1	-3	-6	-7	-7	-9	-9	-8	-7	-5	-2	2	6	11	17	23
29	33	34	32	28	23	17	12	9	8	8	8	8	8	9	11	16	21	25	28
30	31	32	31	31	30	29	27	25	23	22	20	17	13	9	5	0	-5	-9	-11
-14	-19	-24	-30	-36	-42	-46	-50	-52	-53	-53	-52	-49	-44	-38	-31	-25	-18	-13	-9
-5	-3	-4	-5	-7	-7	-6	-2	3	5	6	6	6	6	3	0	-2	-4	-5	-7
-8	-5	-2	0	0	-1	-2	-3	-5	-7	-9	-11	-12	-10	-7	-4	-4	-4	-5	-7
-11	-15	-18	-20	-22	-22	-20	-14	-7	-2	-1	0	1	2	2	3	4	4	3	3
2	1	-1	-3	-2	-1	2	6	10	14	17	18	18	18	17	14	11	9	6	4
2	1	1	2	3	4	7	11	14	17	18	19	19	19	19	18	16	15	13	12
10	8	4	0	-4	-8	-12	-14	-17	-19	-21	-23	-24	-24	-23	-21	-19	-18	-17	-16
-16	-16	-15	-14	-13	-12	-12	-14	-17	-19	-21	-23	-24	-24	-23	-21	-19	-18	-17	-16

IIY380 68.071.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 135 HOLLYWOOD STORAGE, P.E. LOT, LOS ANGELES, CAL. COMP EAST 34 05 00N, 118 20 00W
INSTR PERIOD = 0.065 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -12.4 CM/SEC/SEC AT 26.60 SEC VELO = 3.2 CM/SEC AT 25.88 SEC DISP = 1.4 CM AT 26.62 SEC

INITIAL VELO = 0.16384 CM/SEC INITIAL DISP = -0.27512 CM
2558 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

0	6	8	7	5	-1	-4	-2	0	-1	-3	-7	-8	-7	-3	4	10	14	16	17
19	21	21	21	20	20	20	15	5	-1	1	3	3	3	4	5	3	-1	-3	-5
-5	-4	-5	-6	-4	-4	-7	-11	-15	-18	-17	-14	-12	-7	-2	1	0	-5	-8	-11
-18	-22	-19	-14	-11	-10	-9	-5	1	5	6	5	5	2	-2	-5	-3	2	7	10
9	3	-3	-7	-9	-6	-1	3	5	3	1	0	0	1	1	3	7	12	15	15
10	6	5	4	3	0	-2	-2	-2	-4	-7	-8	-6	-2	-2	-6	-11	-13	-11	-6
0	3	5	6	6	7	5	2	0	1	1	1	4	4	1	-1	0	1	5	10
11	7	3	-1	-6	-12	-16	-16	-14	-10	-6	-4	-3	-3	-2	-2	-3	-4	-3	-1
0	0	-2	-7	-11	-13	-13	-9	-6	-3	0	0	-2	-5	-6	-6	-6	-7	-8	-9
-8	-8	-8	-10	-13	-12	-9	-7	-9	-12	-11	-9	-7	-4	-3	-2	0	1	2	3
4	5	9	16	21	24	23	20	16	15	14	14	13	10	8	6	4	3	5	7
5	0	-6	-8	-6	-3	-3	-5	-8	-12	-15	-20	-24	-22	-19	-16	-14	-11	-9	-9
-9	-9	-9	-9	-9	-9	-13	-16	-15	-12	-10	-11	-13	-13	-10	-5	2	7	9	10
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18	19	19	18	15	14	14	13	11	7	2	-2	-7	-11	-15	-17	-18	-19	-20	-21
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IIY380 68-071.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 135 HOLLYWOOD STORAGE, P.E. LUT, LOS ANGELES, CAL. COMP UP 34 05 00N, 118 20 00W
INSTR PERIOD = 0.065 SEC DAMPING = 0.573 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACEN = 4.8 CM/SEC/SEC AT 30.26 SEC VELO = 1.1 CM/SEC AT 25.90 SEC DISP = -1.1 CM AT 12.74 SEC

2523 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

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-80	-83	-81	-80	-81	-83	-81	-76	-76	-72	-72	-72	-67	-65	-62	-49	-55	-49	-38	-26	-13	-2
6	10	17	20	23	20	14	6	-9	-26	-26	-26	-35	-42	-45	-48	-48	-47	-40	-33	-28	-18
-6	2	17	33	45	59	67	82	95	98	98	98	104	100	92	82	72	60	51	45	39	36
34	30	26	21	13	5	-4	-15	-25	-35	-35	-35	-49	-51	-54	-58	-60	-60	-61	-63	-63	-59
-56	-55	-50	-44	-35	-22	-14	-4	6	16	16	16	22	24	25	19	6	-5	-14	-26	-40	-38
-42	-44	-34	-26	-20	-6	2	10	19	24	24	24	33	39	43	49	54	62	69	72	69	68
65	60	54	46	42	38	36	39	40	43	43	43	42	37	32	30	24	19	11	3	-3	-7
-10	-15	-21	-27	-30	-35	-43	-45	-43	-45	-43	-44	-46	-43	-35	-27	-23	-14	-5	-2	-2	-3
-4	5	4	1	-5	-5	-4	-2	4	4	4	1	2	7	6	3	4	7	13	19	21	18
15	15	13	10	12	11	9	10	10	10	10	5	0	-2	-3	-12	-14	-15	-18	-16	-13	-10
-13	-14	-15	-18	-18	-21	-28	-33	-34	-34	-34	-36	-42	-54	-60	-64	-70	-72	-81	-87	-92	-90
-90	-93	-88	-87	-85	-83	-80	-73	-68	-68	-68	-63	-54	-43	-35	-28	-19	-7	9	15	20	31
43	44	45	50	64	64	58	58	58	58	58	57	55	52	57	54	45	41	43	41	39	38
39	40	36	39	39	40	43	49	56	61	61	61	59	60	62	59	58	62	62	54	54	44
28	13	8	3	-8	-22	-35	-38	-43	-52	-52	-52	-61	-70	-78	-81	-77	-77	-75	-70	-68	-61
-54	-48	-42	-30	-18	-49	-1	-3	2	10	10	10	11	9	11	13	11	6	0	1	1	-4
-11	-17	-15	-16	-23	-23	-18	-18	-22	-22	-22	-22	-21	-16	-11	-8	2	12	18	24	29	29
40	45	46	47	43	39	32	21	12	12	12	8	0	-5	-10	-16	-21	-27	-35	-42	-44	-46
-46	-46	-42	-36	-30	-25	-18	-12	-2	-2	-2	5	2	12	23	31	39	46	57	69	73	75
79	82	81	79	73	69	70	70	63	63	63	56	49	46	38	26	18	17	13	7	0	3
4	4	12	23	29	27	26	31	37	37	37	35	38	37	38	33	30	32	29	16	3	-9
-19	-32	-41	-55	-71	-83	-88	-100	-110	-110	-110	-111	-111	-113	-112	-108	-106	-103	-97	-93	-82	-71
-65	-58	-43	-22	-2	8	11	14	23	30	30	30	30	30	34	33	30	29	29	30	34	33
25	21	16	11	9	4	-2	-7	-5	-2	-2	-2	-1	7	12	14	22	30	36	40	46	59
64	66	70	79	83	84	85	81	74	70	70	70	59	47	35	22	11	4	-6	-19	-25	-34
-44	-51	-60	-67	-69	-71	-71	-66	-59	-53	-53	-53	-48	-43	-40	-32	-25	-23	-11	-4	6	14
19	26	34	37	31	31	35	41	37	37	37	29	30	31	27	21	20	23	24	24	18	13
9	7	6	8	14	12	13	18	22	22	22	27	32	37	35	30	31	28	21	24	21	12
5	2	-3	-11	-20	12	13	18	22	22	22	27	32	37	35	30	31	28	21	24	21	12

IIY381 68.025.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
STATION NO. 134 HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. COMP WEST 34 05 00N, 118 20 00W
INSTR PERIOD = 0.045 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 35.0 CM/SEC/SEC AT 26.62 SEC VELO = 5.1 CM/SEC AT 34.78 SEC DISP = 3.4 CM AT 36.84 SEC

INITIAL VELO = -0.28690 CM/SEC INITIAL DISP = 0.17541 CM
3028 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-36	-40	-32	-20	-10	-2	8	16	27	30	32	31	33	36	39	38	32	24	20
10	3	-3	-7	-18	-27	-33	-42	-56	-57	-56	-54	-44	-20	1	15	20	28	35
41	46	50	53	55	55	52	45	33	19	19	-23	-28	-25	-25	-25	-28	-27	-24
-24	-22	-16	-2	14	28	43	52	57	41	30	25	19	11	-5	-19	-33	-44	-54
-55	-49	-44	-42	-41	-38	-29	-18	-4	13	39	36	31	30	27	27	24	15	11
-3	-23	-43	-60	-71	-75	-73	-69	-57	-35	-22	-9	9	24	40	56	65	66	61
59	54	49	39	17	-10	-30	-46	-57	-71	-83	-79	-73	-60	-40	-20	-8	12	31
41	56	68	66	62	59	54	46	37	22	13	1	-6	-19	-27	-34	-45	-47	-49
-49	-39	-27	-18	-10	0	12	30	48	69	63	55	45	36	25	12	1	-7	-16
-23	-24	-27	-31	-34	-37	-35	-30	-20	10	22	34	44	52	58	61	58	47	36
24	13	3	-10	-22	-40	-54	-63	-70	-63	-59	-53	-46	-38	-31	-16	4	21	37
56	65	72	75	68	65	65	50	28	11	-11	-14	-22	-28	-24	-23	-16	-3	8
13	19	25	32	40	51	52	43	41	38	15	5	-9	-16	-20	-25	-23	-24	-27
-28	-26	-20	-10	-1	2	3	5	5	5	8	-1	-6	-11	-17	-23	-29	-36	-35
-42	-52	-54	-55	-49	-40	-31	-26	-20	-11	-22	-29	-26	-23	41	54	61	67	71
66	60	53	37	27	13	1	-11	-22	-29	-26	-28	-26	-23	-17	-11	-6	-1	4
8	13	13	21	23	27	33	25	15	12	4	1	-2	-1	-13	-13	-16	-20	-19
-19	-16	-17	-21	-23	-26	-28	-28	-25	-17	4	11	18	26	33	40	42	37	28
20	-1	-12	-15	-22	-30	-32	-27	-24	-18	-19	-15	-6	-1	7	13	11	0	-3
-2	-8	-13	-16	-19	-26	-33	-33	-37	-37	-20	-9	-3	7	9	11	16	24	28
30	32	34	34	33	29	27	18	10	9	-3	-9	-16	-24	-28	-24	-20	-20	-21
-19	-16	-7	2	10	16	24	31	42	50	52	47	35	27	20	12	2	-5	-13
-21	-26	-37	-44	-43	-45	-42	-29	-20	-11	-7	-11	-10	-12	-8	-3	-5	-10	-13
-15	-19	-23	-20	-15	-9	-9	-8	-4	3	10	19	17	9	4	-3	-11	-15	-18
-22	-25	-28	-29	-24	-22	-13	0	20	30	37	32	32	32	30	32	35	37	31
15	-2	-13	-25	-36	-40	-48	-53	-52	-48	-40	-29	-17	-4	13	25	37	46	48
49	50	53	53	48	40	31	21	14	0	-17	-36	-52	-67	-82	-85	-79	-64	-49
-37	-20	-2	18	40	56	62	65	64	61	36	19	2	-15	-32	-42	-53	-72	-42
-70	-63	-54	-42	-30	-13	5	23	37	49	60	60	52	40	27	16	2	-11	-23
-34	-42	-46	-47	-47	-44	-35	-24	-8	11	32	47	60	68	73	79	80	77	70
55	37	20	10	-4	-14	-33	-50	-61	-68	-67	-47	-34	-21	-4	13	24	32	43
53	58	58	57	53	47	41	36	25	12	-7	-26	-41	-61	-71	-77	-80	-78	-71
-57	-41	-27	-13	3	21	36	44	47	45	39	37	28	-1	-16	-29	-40	-46	-58
-67	-71	-68	-60	-47	-29	-14	-3	10	20	34	52	63	85	90	90	84	71	57
41	22	2	-15	-29	-41	-48	-50	-55	-51	-42	-26	-21	-15	-4	4	13	21	29
38	51	58	55	53	47	35	22	12	3	-8	-33	-50	-58	-65	-69	-72	-71	-62
-50	-40	-30	-23	-6	5	11	15	18	22	25	-21	16	16	17	14	10	4	-8
-18	-23	-23	-19	-20	-24	-23	-16	-13	-9	-8	0	4	9	17	22	28	30	34
34	29	32	35	31	26	15	5	-1	-7	-16	-26	-37	-44	-46	-40	-31	-26	-22
-15	-7	-3	2	10	17	17	9	0	0	2	4	4	2	2	7	11	14	14
13	10	5	1	-1	-5	-10	-14	-18	-22	-23	-19	-13	-10	-8	-2	8	18	25
31	41	48	53	55	57	57	54	45	32	18	-13	-26	-39	-51	-61	-67	-72	-77
-78	-68	-53	-39	-15	6	28	46	57	69	77	85	87	84	72	56	39	24	7
-12	-30	-47	-58	-68	-74	-76	-72	-57	-48	-34	6	22	34	46	56	59	62	62

61	56	51	41	22	8	-2	-12	-21	-30	-43	-49	-45	-38	-28	-20	-13	-8	1	12
19	23	25	26	22	16	8	0	-7	-17	-18	-28	-34	-39	-47	-56	-59	-54	-48	-40
-33	-19	-9	-1	12	33	42	44	45	42	41	39	36	34	31	29	25	20	14	9
5	4	4	6	8	4	-3	-1	2	4	7	9	12	15	17	15	10	7	7	7
7	6	3	-1	-6	-11	-19	-29	-31	-20	-17	-10	-1	-10	-19	-26	-27	-21	-18	-17
-22	-30	-32	-35	-34	-31	-38	-40	-36	-28	-16	-2	7	13	21	26	29	35	44	52
62	66	61	56	53	49	44	34	22	12	-14	-8	-14	-21	-25	-28	-30	-33	-35	-32
-25	-15	-10	-1	15	35	44	53	63	69	68	68	62	60	52	37	15	-2	-12	-21
-32	-32	-34	-34	-38	-40	-36	-29	-23	-15	-7	-2	-1	0	-2	-4	-5	-4	-7	-11
-16	-20	-26	-25	-23	-20	-10	-3	0	2	9	19	27	39	54	59	60	59	57	46
36	18	5	-5	-22	-39	-64	-90	-115	-130	-137	-145	-147	-145	-138	-128	-115	-93	-60	-35
-1	30	53	67	74	82	89	94	93	88	80	65	51	35	22	4	-15	-30	-40	-47
-48	-48	-50	-43	-28	-23	-19	-14	-1	20	43	56	62	62	53	45	43	45	45	53
62	71	78	85	92	102	110	114	117	105	82	61	37	15	-10	-40	-73	-96	-117	-133
-149	-153	-143	-125	-100	-67	-32	4	42	73	89	99	105	104	100	96	85	72	52	32
8	-20	-47	-70	-88	-99	-107	-108	-107	-112	-113	-108	-104	-95	-73	-42	-4	31	55	76
88	91	88	83	82	82	80	69	41	9	-21	-45	-66	-83	-98	-112	-123	-122	-107	-90
-74	-56	-37	-20	0	17	28	33	40	48	53	52	52	51	50	47	41	34	23	0
-17	-25	-21	-8	8	19	22	26	37	51	65	68	77	68	57	38	8	-14	-36	-58
-80	-99	-113	-120	-125	-124	-112	-96	-86	-76	-56	-46	-38	-17	10	35	49	48	39	29
10	-11	-33	-56	-90	-119	-133	-145	-150	-145	-127	-103	-84	-65	-27	31	74	111	142	176
205	225	240	241	229	200	146	92	36	-18	-65	-113	-133	-147	-158	-164	-167	-170	-166	-146
-108	-65	-24	27	84	131	182	232	272	305	337	350	339	297	248	196	132	69	8	-52
-113	-162	-218	-255	-287	-302	-293	-243	-175	-113	-56	5	63	108	145	180	208	219	211	183
141	94	45	-1	-46	-92	-147	-191	-218	-243	-260	-249	-217	-170	-119	-67	-21	15	43	69
89	103	117	130	139	143	124	95	64	39	16	-8	-30	-55	-88	-117	-137	-147	-140	-122
-109	-98	-84	-76	-65	-43	-3	54	84	99	106	109	110	110	101	92	82	70	58	39
18	-6	-26	-41	-62	-82	-97	-112	-117	-108	-91	-65	-45	-21	-2	23	58	85	75	54
41	25	-4	-39	-55	-64	-77	-93	-114	-127	-122	-95	-63	-39	-22	-10	-1	11	29	40
43	35	9	-31	-62	-87	-114	-131	-141	-137	-117	-95	-68	-34	2	38	73	107	143	180
209	221	224	222	208	186	154	118	53	-30	-79	-131	-185	-220	-249	-276	-287	-293	-286	-241
-148	-77	-9	61	139	178	219	258	281	299	314	324	322	303	255	209	167	114	60	5
-56	-126	-179	-208	-223	-235	-227	-201	-150	-96	-45	11	60	96	126	150	186	205	206	205
196	172	134	101	67	34	8	-21	-57	-91	-115	-144	-163	-172	-156	-121	-107	-92	-72	-40
-14	11	43	65	79	87	100	111	113	111	106	87	57	44	34	16	-16	-55	-89	-121
-153	-175	-180	-170	-153	-133	-114	-77	-38	1	54	98	135	184	219	237	245	242	225	202
171	138	102	67	35	-6	-63	-107	-130	-161	-188	-208	-218	-214	-194	-169	-136	-98	-67	-27
22	54	81	99	109	113	111	108	103	98	82	62	48	45	43	40	40	39	37	32
25	19	12	-1	-14	-21	-24	-30	-37	-49	-70	-88	-101	-109	-114	-122	-132	-137	-141	-143
-139	-133	-124	-114	-100	-78	-51	-28	-10	1	12	25	39	51	60	64	64	59	49	33
18	1	-20	-48	-73	-84	-98	-109	-105	-101	-100	-98	-91	-83	-83	-80	-70	-55	-42	-36
-30	-23	-14	-2	13	31	45	58	73	90	100	109	118	127	138	150	166	183	187	189
191	192	194	194	193	191	182	173	164	156	146	131	114	98	81	66	51	37	21	4
-16	-50	-87	-97	-110	-122	-134	-136	-137	-139	-141	-141	-141	-142	-141	-139	-135	-129	-118	-106
-87	-64	-39	-16	-1	13	27	37	43	50	58	65	73	81	88	92	96	100	104	108
112	115	118	119	115	111	106	100	94	88	81	74	67	57	45	34	23	12	3	-5
-13	-23	-45	-72	-94	-115	-131	-141	-152	-165	-176	-183	-181	-176	-169	-160	-148	-134	-121	-108
-94	-77	-58	-37	-8	18	40	62	81	98	112	114	99	77	56	30	3	-18	-39	-66
-100	-134	-147	-161	-172	-169	-157	-143	-130	-103	-63	-13	29	49	78	109	126	136	141	140
138	135	129	118	104	86	62	29	-5	-35	-69	-101	-126	-142	-146	-143	-132	-114	-100	-88
-72	-58	-34	-18	-7	5	7	6	8	14	20	19	18	15	10	1	-6	-13	-16	-14
-14	-8	3	2	-3	-5	-4	-2	-1	-2	-4	-6	-10	-15	-20	-21	-20	-21	-24	-27
-26	-21	-22	-29	-36	-37	-40	-41	-36	-29	-26	-25	-31	-41	-51	-53	-42	-27	-12	5
21	38	54	72	95	111	103	98	91	84	74	61	41	27	18	8	-42	-27	-1	-3
-3	-3	-2	2	7	14	18	26	39	48	50	49	46	45	43	37	28	17	0	-21

IIY381 68.025.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST EPICENTER - 33 11 24N, 116 07 42W
 STATION NO. 134 HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. COMP UP 34 05 00N, 118 20 00W
 INSTR PERIOD = 0.045 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -9.2 CM/SEC AT 27.18 SEC VELO = -2.7 CM/SEC AT 24.28 SEC DISP = 2.8 CM AT 52.92 SEC

3027 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = -1.13467 CM/SEC INITIAL DISP = 0.30078 CM

32	35	28	11	6	12	16	8	3	3	0	-6	-7	-4	-2	-2	-2	-2	0	11
25	31	29	20	23	33	36	30	26	29	27	20	10	-1	-13	-22	-27	-25	-19	
-19	-26	-22	-10	5	9	6	4	5	9	-15	-15	38	30	13	2	7	19	20	
14	17	22	22	11	-5	-13	-9	-7	-7	-12	-12	-12	-2	-5	4	5	4	5	
4	5	5	5	7	11	13	10	2	-9	-11	-3	-4	-11	-5	1	-1	-10	-21	
-24	-12	1	2	2	2	2	0	-6	-11	-12	-10	-11	-16	-19	-18	-15	-15	-10	
0	8	-1	-10	-10	4	22	24	22	19	20	15	5	11	21	19	10	-1	-16	
-21	-19	-18	-18	-18	-17	-17	-17	-16	-15	-9	5	18	19	8	9	9	8	2	
-3	-4	2	2	0	-3	-2	-2	-2	-1	-1	0	0	0	1	2	5	7	14	
19	24	28	23	15	8	9	11	16	12	6	1	0	0	-1	-4	-10	-14	-13	
-4	7	10	4	-1	-2	2	11	11	8	-2	-6	-7	-3	0	-5	-15	-26	-25	
-22	-19	-14	-13	-13	-10	-8	-8	-2	13	23	22	20	10	21	18	8	0	-3	
3	4	4	6	12	14	14	14	14	14	15	15	17	24	30	27	19	14	18	
23	26	18	14	7	5	-1	-2	2	3	1	-2	-2	-2	0	4	13	20	24	
23	20	19	15	10	8	4	0	1	4	7	1	-1	-3	1	1	1	1	0	
-7	-10	-8	-5	1	1	1	1	1	1	2	5	3	-5	-9	-10	-13	-14	-14	
-12	-3	0	-6	-10	-6	2	6	5	6	5	5	2	-4	-5	-3	3	7	1	
-9	-11	-13	-15	-12	-10	-10	-10	-10	-10	-10	-9	-9	3	4	-1	-4	-1	0	
-1	-1	-1	-1	-1	-1	-2	-6	-9	-11	-10	-5	-1	-5	-16	-13	-11	-9	-6	
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California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22121:

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data
Volume I

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 70-20	PB-287 847
B	EERL 70-21	PB-196 823
C	EERL 71-20	PB-204 364
D	EERL 71-21	PB-208 529
E	EERL 71-22	PB-209 749
F	EERL 71-23	PB-210 619
G	EERL 72-20	PB-211 357
H	EERL 72-21	PB-211 781
I	EERL 72-22	PB-213 422
J	EERL 72-23	PB-213 423
K	EERL 72-24	PB-213 424
L	EERL 72-25	PB-215 639
M	EERL 72-26	PB-220 554
N	EERL 72-27	PB-223 023
O	EERL 73-20	PB-222 417
P	EERL 73-21	PB-227 481/AS
Q	EERL 73-22	PB-232 315/AS
R	EERL 73-23	PB-239 585/AS

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data

Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Volume II

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 71-50	PB-208 283
B	EERL 72-50	PB-220 161
C	EERL 72-51	PB-220 162
D	EERL 72-52	PB-220 836
E	EERL 73-50	PB-223 024
F	EERL 73-51	PB-224 977/9AS
G	EERL 73-52	PB-229 239/AS
H	EERL 74-50	PB-231 225/AS
I	EERL 74-51	PB-232 316/AS
J, K	EERL 74-52	PB-233 257/AS
L, M	EERL 74-53	PB-237 174/AS
N	EERL 74-54	PB-236 399/AS
O, P	EERL 74-55	PB-239 586/AS
Q, R	EERL 74-56	PB-239 587/AS

Analyses of Strong-Motion Earthquake Accelerograms
Response Spectra

Volume III

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 72-80	PB-212 602
B	EERL 73-80	PB-221 256
C	EERL 73-81	PB-223 025
D	EERL 73-82	PB-227 469/AS
E	EERL 73-83	PB-227 470/AS
F	EERL 73-84	PB-227 471/AS
G	EERL 73-85	PB-231 223/AS
H	EERL 74-80	PB-231 319/AS
I	EERL 74-81	PB-232 326/AS
J, K, L	EERL 74-82	PB-236 110/AS
M, N	EERL 74-83	PB-236 400/AS
O, P	EERL 74-84	PB-238 102/AS

Analyses of Strong-Motion Earthquake Accelerograms
Fourier Amplitude Spectra

Volume IV

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 72-100	PB-212 603
B	EERL 73-100	PB-220 837
C	EERL 73-101	PB-222 514
D	EERL 73-102	PB-222 969/AS
E	EERL 73-103	PB-229 240/AS
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